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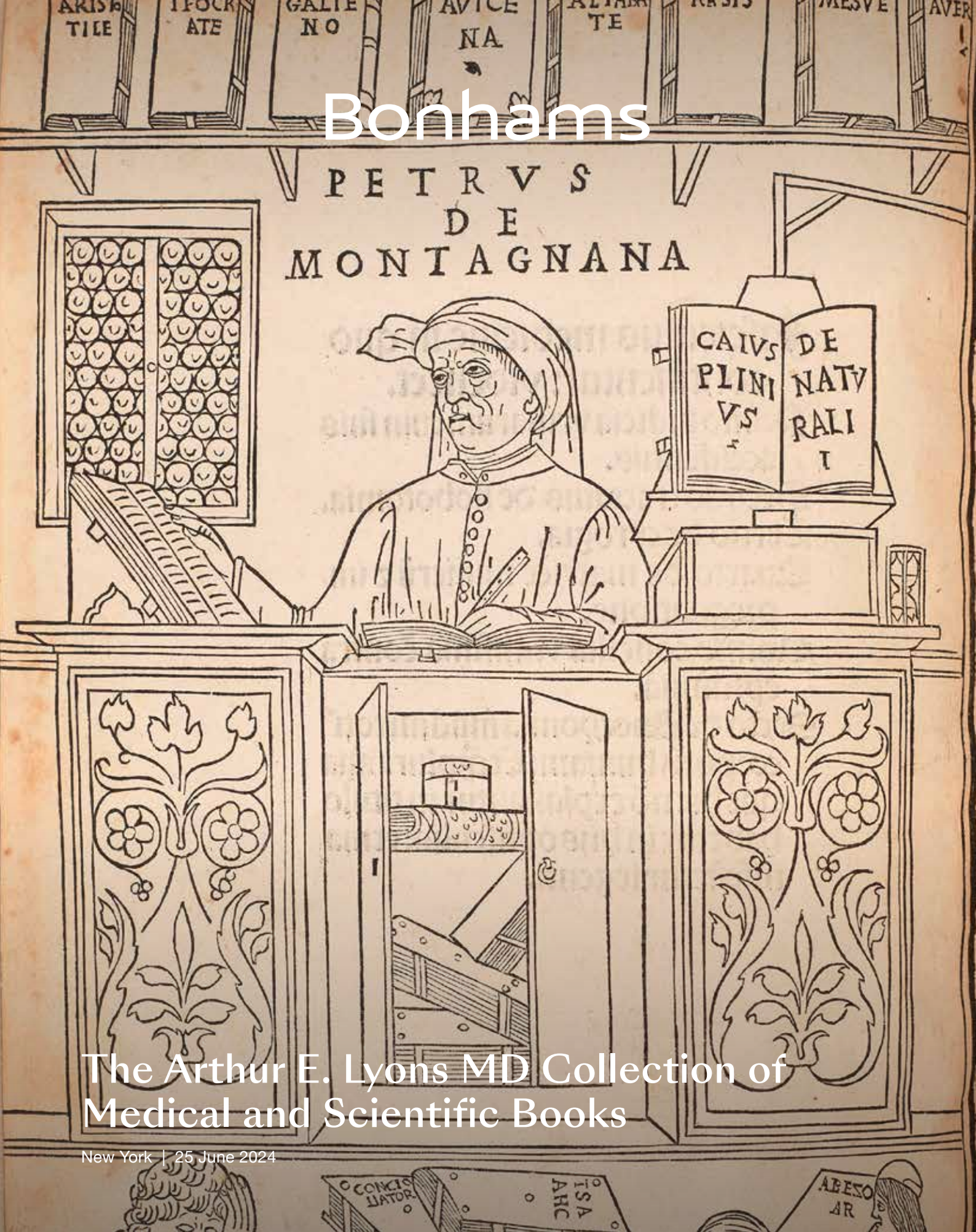

The Arthur E. Lyons MD Collection of Medical and Scientific Books

New York | 25 June 2024

The Arthur E. Lyons MD Collection of Medical and Scientific Books

New York | Tuesday June 25, 2024 at 10am

BONHAMS

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SALE NUMBER

29491
Lots 1 - 147

AUCTION INFORMATION

Ian Ehling - 2068610-DCA

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ILLUSTRATIONS

Front Cover: lot 67
Inside Front Cover: lot 91
Inside Rear Cover: lot 91
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PREVIEW

Friday June 21, 10am - 5pm
Saturday June 22, 12pm - 5pm
Sunday June 23, 12pm - 5pm
Monday June 24, 10am - 5pm

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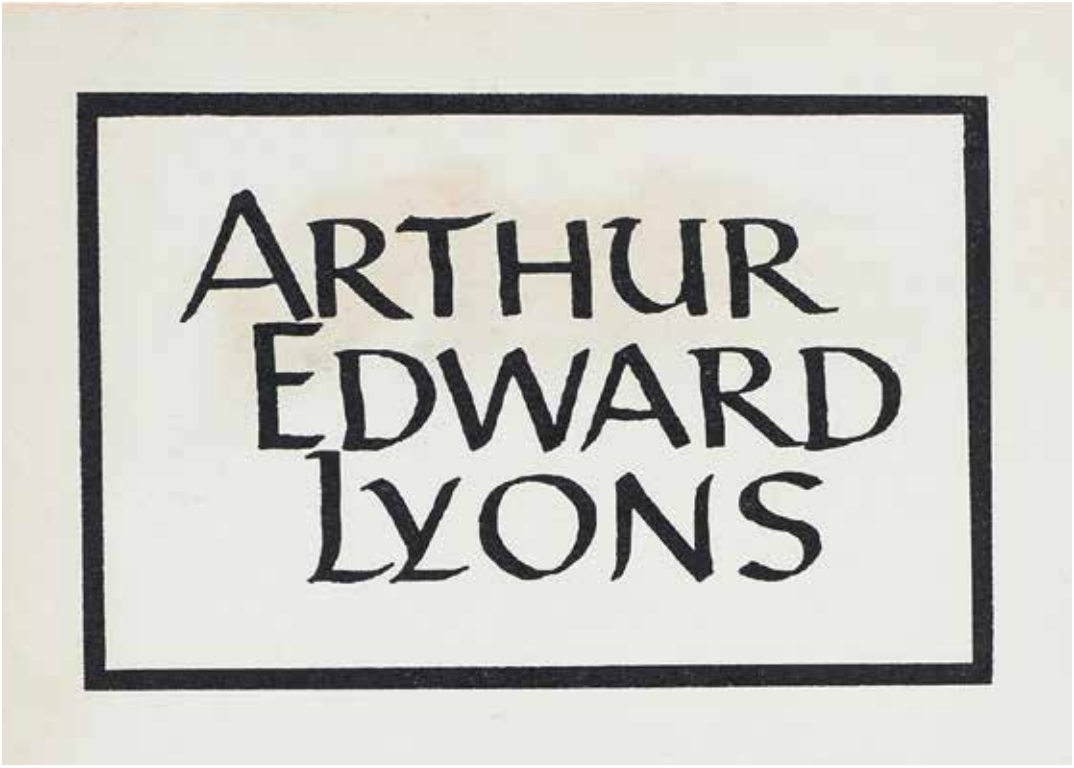

ARTHUR
EDWARD
LYONS

Arthur Edward Lyons (1931-2023)

Arthur Lyons was my second customer, and my first serious client when I started my book business in San Francisco. It was 1971, just days after I'd opened, when Arthur-walked into my office and bought the second book I sold—Helmholtz's *Beschreibung eines Augen-Spiegels* (Lot 60 in this auction). Over the years it was my pleasure to have him as a regular customer and good friend.

A neurosurgeon, historian, scholar, and ardent bibliophile, Arthur became a discerning collector and built a very significant library on the history of anatomy, early surgery, neurosurgery, and neuroscience. He was widely cultured, capable of remembering a vast amount of historical detail, such as who ruled England at any point in time. He always had a story or joke for any situation, and was fond of quoting from Gilbert & Sullivan. At a recent memorial for their father, his sons Alan and Michael spoke of Arthur's interests in music, science, art, movies, the outdoors, politics, travel, food, history, sports cars, bird watching, humor, and fine whiskey. I knew him primarily through the world of books.

In 1999 Arthur wrote an essay entitled *Collecting Medical Books,* for the Chit Chat Club of San Francisco. It delightfully portrays his passion as collector. The book he references is Lot 141 in this auction catalogue:

"Every collector has a story. My favorite concerns my quest for a copy of Thomas Willis's *Cerebri anatome*. This classic in neurology from which we name the arteries around the base of the brain, the circle of Willis, is on every neurologist's want-list. Published the year New Amsterdam was renamed New York in 1664, printed on thick creamy white paper in a large and handsome format it has beautiful full page copper engraved illustrations of the brain drawn by Willis's friend, Sir Christopher Wren. I had always had my eye out for a copy ever since medical school, but had never been able to find one. On Thanksgiving several years ago, I was visiting family in Los Angeles, and I dropped in on the bookshop of the prominent science and medicine dealer, Jake Zeitlin. Knowing my interest he casually let me know that someone he had not seen before had just offered him an excellent copy of the Willis. He offered the owner $600 and had been turned down. The person left and that long sought after book went with him to parts unknown! I was silently furious to have had Jake let that great book slip through his hands by offering such a paltry sum. I knew the book was worth many times that. The whole next year I obsessed over that damned book. I fantasized about advertising for it in the LA paper. I thought about asking other dealers to keep on the alert for it. Of course, I did none of those things. Exactly one year later, again on Thanksgiving I went in to see Jake Zeitlin. He greeted me with a smile on his face. 'Do you remember that Willis book?' Did I! I thought I would never stop thinking about it. 'Well, that guy with the book came back just yesterday and I offered him $700, and he took it. You can have it now for $900, that is if you want it.' It would have been a steal at twice the price! I could not get it fast enough and Zeitlin made a quick $200 profit. The book is now one of my most treasured volumes. Jake is long gone, but every time I take down that Willis and open those nice still crisp old vellum covers, I think about him and how lucky a collector can be at times. There are other stories that do not end so happily, but fortunately I have managed to forget most of them; the agony of recall would be too great!"

Arthur concluded his essay with this paragraph:

"Every time I look at one of my old books I become lost. There always seems to be something new that I find. The text might reveal an undiscovered insight or describe something previously unnoticed or unappreciated. There can be variations either in the text, binding or collation, which I can compare to other copies. The binding may require treatment, or a page may need repair. My partner says that I play with my books. I suppose it is play because it is a lot of fun, but at the same time it is play with a purpose. Creating a library requires more than getting good books. It requires discovering and recognizing what makes each book a significant repository of knowledge. All this, as well as preserving these rare books as valued objects--monuments to man's genius-- constitute an obligation one has to the books' future owners. I use the word owner conditionally. One can never be a true owner of timeless treasures such as important books. As a privileged, but necessarily only a temporary possessor, I can be no more than a custodian; a custodian responsible to the next generation that hopefully will love and value these wonderful objects as much as I do."

Just as Arthur anticipated in 1999, his books will now pass to the "next generation." As a true friend, Arthur will always remain vivid in my memory.

Jeremy M. Norman
June 2024

¶ Incipit liber primus Cirugie magistri petri de largelata de bononia artium ⁊ medicine doctoris.

Rogauerũt me socij mei vt ſm q̃ legerem eis tertiã ⁊ q̃rtam ſen. quarti canonis auicẽne receptas ordinare: q̃ ſatis ſcipſ ordinate ſũt. ¶ Et q̃ amicus ẽ alter ego cõpelloꝛ ⁊ cogoꝛ eis cõplacere in ꝟ. amicitia enĩ ſit ꝓpter honeſtum ⁊ nõ ꝓpter aliud. qua ꝓp ad eũ q̃ eſt oĩs boni poſſeſſoꝛ: et oĩs boni liberalis largitoꝛ recurro gr̃am poſtulãs ⁊ exgrens vt coꝛ meũ ⁊ mẽtem meã illuminare digneť vt ſit recta regula ⁊ mẽſura in hoc. Et vna cũ aueroi in libello quẽ fecit de cõmẽdatõe itellect⁹ nãlis cũ extracto loquar. Laudat⁹ ſit ing⁹ t de⁹ ⁊ ꝓducat nos ad id q̃ ſit volũtas ei⁹ vt ſim⁹ foꝛtũati ꝑmo. Et poſtea. ¶ Et ꝟ eſt vt virginis ad ꝟ mihi auxilium̃ inuocẽ vt ipſa ad filium. fili⁹ ad ꝑem pozigat ꝑces meas ſecuꝛ acceſſiuꝫ hꝫ oĩs hõ ad ipſum: vbi ⁊ q̃s ẽ bñs filium ⁊ ꝑrem. Fili⁹ aũt patri oſtẽdit lat⁹ ⁊ vlcera. mater pectus ⁊ vbera certe nulla põt cẽ repulſa vbi tot ⁊ tãta ſint caritatis inſignia. ¶ Precoꝛ igiť filiũ deũ patrez vt oĩb⁹ nobis gr̃as munera ⁊ benemerita largiri digneť in hoc ⁊ in alys pagẽdis. ¶ In hoc aũt opere ſic ꝓcedã: q̃ in hoc opere erũt ſex libri. ¶ In ꝓmo libro ꝓ equar de capitulo in capitulũ. vt Auice. ꝓcedit ipſi⁹ ordinãdo ꝑtes. ⁊ alias alioꝛuꝫ antiquoꝛ ponaꝫ: oĩmittẽs tũ emperica ꝙ rameri roſe anglicane ⁊ aliorũ ẽpericoꝛ: ⁊ ſemp ad ſimplicia aliq̃ me extẽdã: penes ẽt theoꝛicã cũ ſignis: vt me ſepe roganerũt. ¶ In ij⁹ libro ego mẽtionẽ faciã de oĩb⁹ apatib⁹ a capite vſq̃ ad pedes de q̃bus Auice. in. 4. nõ fecit mẽtionẽ: ⁊ ponã ſemꝙ ſigna. ¶ In tertio li. ponã de vulnerib⁹ a capite vſq̃ ad pedes dãs modũ vobis cuſtãdi ⁊ accidentib⁹ ſuccurrẽdi. ¶ In q̃rto ego faciã mẽtionẽ de oĩb⁹ vlceribus ꝑticularib⁹ a capite vſq̃ ad pedes: q̃ oĩum mẽbroꝛ de q̃bus Auice. nõ fecit mẽtionẽ. ¶ In q̃nto ego aliq̃d loqui volo de decoratiõe incipiẽs a capite vſq̃ ad pedes. ¶ In ſexto aliq̃d loq̃r de diſlocatiõe ⁊ fracturis oſſium q̃ breuius potero adiũgẽs aliq̃d anothomie. ¶ Et ego iſta faciã ſolũ ad memoriã mei ⁊ meoꝛ ſocioꝛ ⁊ nõ ꝓp aliud q̃ loq̃r vt alij magiſtri mei locuti ſunt ⁊ ſi nõ cõplete locut⁹ fuero ĩputeť ignoꝛãtie mee ⁊ nõ alteri cauſe: ſtãs ſp coꝛrectiõi in iſto ⁊ in oĩb⁹ alys magiſtroꝝ maioꝛ meoꝛ.

¶ De flegmone. CAP. I.

Flegmon duob⁹ modis capiť. vno mõ cõiter ꝓ oĩ inflatione ꝑticulari: ⁊ hoc voluit Auic. cũ dixit. Et ſcias q̃ nomẽ flõnis in lingua greca ꝙ ẽ abſolutus ſup oẽ q̃ ẽ inflãmatũ: ⁊ hoc vult ẽt Ha. in ꝓlo de ſinthomate ⁊ egritudine. Allo mõ capiť ꝓpie ꝓ apate ex ſanguine vo ⁊ puro generato vel ex alio currẽte curſu ei⁹ ẽt ſic cauſať. ¶ Dec aũt flegmõ ij⁹ mõ accepta ẽ duplex. i. vã ⁊ nonvã. Uera flõn ẽ ex ſanguine benigno q̃ eſt multo plus q̃ indigeat illud mẽbrum: eſt ergo talis ſãguis peccãs ſolo quãto. Non vera flõn fit ex ſanguine non nãli ⁊ malo. peccat ergo in q̃li ⁊ q̃to. in q̃li põt peccare ſoluꝫ. ¶ Et ꝓ noticia hoꝛ apatũ nota q̃ ſanguis ẽ bũoꝛ calis ⁊ humidus i ſubſtãtia tẽperat⁹ ex tẽperatioi ꝑte chili gñatus. Eſt autem duplex. ſ. nãlis ⁊ nõ nãlis. nãlis bũoꝛ ẽ calis ⁊ bũid⁹. i ſubãa tẽperat⁹. in colore rubeus. in odore ⁊ ſapoze amicabilis. ¶ Sãguis ꝙro nõ nãlis ẽ ille q̃ deniat ab iſto vltra terminos ſue latitudinis quos ſi trãſit nõ eſt ſanguis nãlis. Egrediť aũt illos terminos vno mõ q̃ ei⁹ ſubã efficitur magis groſſa vel min⁹ q̃ debeat. Allo mõ exit ꝓprios terminos q̃ ſubtile aduriť. ⁊ groſſuꝫ remanet abſq̃ remotiõe vel ſepatiõe iſtaꝝ priũ. Tertio modo exit ꝓprios terminos q̃ aliq̃d aduenit ei defoꝛis q̃ multipliciter põt fieri ſm q̃ multe ſunt ſpẽs colẽ flãtis ⁊ melãcolie q̃ cuꝫ eo cõmiſceri põt. ¶ Ex q⁹ dictis apparet q̃ ex ſanguine generãtur q̃ttuoꝛ ſpẽs apatũ. ꝓmo ex ſanguine benigno generať flõn vera. ¶ Scõo ex ſanguine illaudabili ꝓ admixtionẽ triplex gñatur ap̃a ſm q̃ tres bũoꝛes poſſũt ſecum ꝓmiſceri. vñ ſi miſceať colera cũ ſanguie vincẽte vocať flõn eriſipilaides. Et ſi flã flõn vndimiades. Et ſi melãcolia flõn ſephiroides. ¶ Tertio ex ſanguine illaudabili rõne ſui modi ſubẽ: q̃ ſanguis eſt nimis ſubtilis vel groſſus põt gñari flõn q̃ põt dici vera. Et ly Auicẽna dixerit ⁊ ſanguis illaudabilis ẽ ſubtilis vel groſſus: q̃ ex ꝟ videť velle ſanguinẽ ſubtilẽ ⁊ groſſuꝫ eſſe laudabileꝫ. tñ dico ego q̃ iſte ſanguis nõ eſt laudabilis ꝓprie ⁊ ſimpliciter: ẽ tñ laudabilis ſ̃ ſ̃ gd. ⁊ ꝟ voluit Auicena: quõ ẽ laudabilis ſm gd. iſto modo: q̃ illi cui ineſt nãliter vt ſãguis groſſus ineſt melãcolico ſibi ſano nãliter; ⁊ ſanguis colẽ ineſt colerico ſibi ſano: nõ tñ abſolute q̃ in cõparatõe ad ſanguinẽ tẽperatũ innãlis ⁊ illaudabilis eſt. Iſte ergo ſũt ſpẽs apatis: ⁊ q̃ ſit inaturalis patet: q̃ exit ꝓprios terminos ſanguinis nãlis. ¶ Quarto ex ſanguine illaudabili p aduſtionẽ ſm ſubtilitatẽ ⁊ groſſitiẽ ſui gñantur oẽs puſtule ⁊ cruſt oſe vſq̃ ad eſtiomenũ. vt ſunt carbũculi pũa ignis ꝑſicus aut ſacer ignis.

¶ Cauſe aũt flõnis ſũt tres. ſ. primitiua vt ẽ inciſio aut fractura aut vlceratio: aut vlcera que ſunt in mẽbro ⁊ ꝓpter doloꝛẽ declinat mã ad locũ ⁊ retineť in vas vacuis ⁊ fit flegmõ. Eſt ergo cã extrinſeca coꝛpoꝛi. Cã ergo ꝓmitiua ẽ res ex qua ꝓuenit diſpoſitio aduẽtu ꝓlo aut nõ ꝓmo.

¶ Cã ſecũda eſt añs: ⁊ illa ẽ multipliciter repletionalis humoralis cõplexionalis ⁊ cõpoſitiõalis: ex quo ꝑs q̃ mala cõplexio ⁊ doloꝛ ſunt cã añs. ⁊ ſ̃ debilitas membꝛi. ⁊ aliter nõ declaro: q̃ aliter me ꝓlongare nolo: q̃ in quolibetis ꝓ me ordinatis me ꝓlongaui. Cauſa ergo añs ẽ ex qua ꝓuenit diſpoſitio aduentu non ꝓlo. ¶ Cã ãt ꝓiũcta eſt ipſe ſanguis añs in loco ꝙ apato apposito vel. ꝙ.

Cã ergo cõiũcta ẽ iſta ex q̃ ꝓuenit diſpoſitio aduẽtu ꝑ. ¶ Habet autẽ flõn quattuoꝛ tẽpoꝛa. principiũ. augmẽtuꝫ. ſtatũ: ⁊ declinatiõẽ. Principiũ declarať ꝓ preſentiã ipſaꝝ cãrum ꝓiũctaꝝ ſcilicet cũ incipiũt apparere. ¶ Aug⁹ cognoſciť p adiectionẽ magnitudis ⁊ remiſſiõis. ¶ Stat⁹ aũt cognoſciť p aggregationẽ materiei: ⁊ illic aggregatur mã ſi debet aggregari. ¶ Declinatio ẽ quãdo incipit tendere ad lenitatem ⁊ debilitatem. Et ſi vis maioꝛẽ declarationẽ vide queſtiones q̃ me factas de hoc. ¶ Et nota q̃ iſta tẽpoꝛa nõ minus debes notaꝛ q̃ egritudinem. vñ ignoꝛatis iſtis ⁊ cura egritudis ignorať. Et notauit Anic. 4.ª ꝑmi cũ dixit tẽpus egritudinis eſt. vt ſciam⁹ in quo tẽpoꝛe ẽ egritudo. verbi gratia ſi egritudo eſt in ꝓncipio ſuper ipſuꝫ apponim⁹ q̃ ſolũ repercutit. ¶ Terminať aũt apa quattuoꝛ modis. ꝓlo modo ꝙ reſolutionẽ. ſecundo ꝙ ſmiationẽ. 3.º ꝙ putrefactionẽ. 4.º ꝙ petrificationem. ꝓmũ declarať ab Auice. cũ dixit: ⁊ tu gdem ſcis illud q̃ ratificať: q̃ñ pulſatio incipit in tẽſione: ⁊ inflãmatio ſcipit i ſedatione. ¶ Scõm declarať etiaꝫ ꝙ ipſuꝫ in ſequenti vbo cũ dixit. ⁊ ſcis illud q̃ aggregať p adiectionẽ pulſatiõis ⁊ calitatis ⁊ fixionem vtriuſq̃. ¶ Tertiũ declarať cũ dixit. ⁊ ſcis id q̃ putrefit ꝓpter difficultatẽ digeſtiõis ⁊ tenebroſitatẽ ⁊ vehemẽtiã tenſionis. ¶ Quartũ declarať alibi. quia ex nimia reſolutione ſubtile reſolaitur ⁊ groſſum remanet.

1
ACHILLINI, ALESSANDRO. 1463-1512.
Opusculum perutile de cognitione animae et eius potentiis. Bologna: J.J. de Benedictis; 1503.
Small 4to (198 x 139 mm). 1 woodcut illustration in text.
Contemporary limp boards, inked titles on spine. Spine heavily chipped, boards rubbed and somewhat stained, browning, errata leaf (g4) slightly loose.
Provenance: Bibliotheque Bastide de la Pomme (booklabel attributed to a Dr. Simon, of Marseille, on front paste-down).

FIRST EDITION. Achillini, better known as an anatomist, wrote this work as a commentary on Augustinus de Ancona's treatise on psychology. The single woodcut illustration depicts the regions of the brain with their relationship to human thought processes. The same image was used in Berangario da Carpi's *Tractatus de fractura calve sive cranei* some 15 years later. Wellcome I, 539.

$2,000 - 3,000

2
ALBUCASIS (ABU QASIM KHALAF IBN ABBAS AL ZAHRAWI). 936-1013. *ET AL*.
Methodus medendi certa, clara et breuis pleraq[ue] quae ad medicinae partes omnes praecipue quae ad chirurgiam requiruntur libris III.... Basel: Henrich Petri. 1541.
Small folio (279 x 175 mm), Woodcut device to title, woodcut initials and illustrations in text. 20th century vellum antique. Library duplicate stamps to title page (mostly illegible), soiling and creasing to title, light dampstaining at lower outside corner to early leaves, scattered spotting and browning.

A compendium of the surgical work of Albucasis, followed by shorter works by Rolando da Parma, Ruggiero da Parma, Constantinus Africanus, and Antonio Gaza. The first portion, in three books, formed the surgical section of *Al-Tasrif*, the medical encyclopedia that Albucasis compiled over a period of nearly 50 years, completing it around the year 1000. This section was first published in Europe in 1497. Durling 22; *Heirs of Hippocrates* 66; Wellcome I, 12.

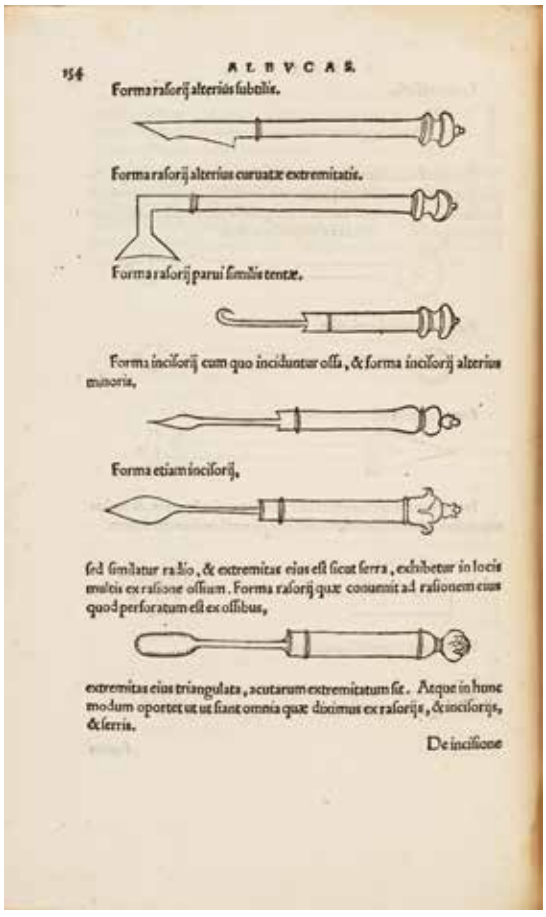
$2,000 - 3,000

3
ARGELLATA, PIETRO DE. D. 1423.
Chirurgia. Venice: Bonetus Locatellus for Octavianus Scotus, 1497/1498.
Folio (315 x 200 mm). 131 leaves (of 132), A-P^{8} Q-R^{6} (lacking final blank, R6), 70 lines and headlines, double column text, gothic letter, woodcut initials, woodcut publisher's device on verso of final leaf.
Modern vellum antique, spine with 5 raised bands, titled in blind. Dampstaining, primarily to lower margins, worming from R7 to end, slightly effecting text, ink marginalia, scattered browning and spotting.

Third edition, of four published in the 15th century (1480, 1492, 1497/1498, and 1499). Pietro (sometimes Petrus) d'Argellata was a pupil of Guy de Chauliac who practiced medicine in Bologna, and was Chair of Logic, Astrology and Medicine at the university there. He performed that autopsy on Pope Alexander V, who died suddenly in 1410. This work is derived from a combiation of earlier sources such as Avicenna, Galen, and his instructor de Chauliac, as well as notes on his own observations, including his experience in obstetrics and gynecology. BMC V 588; Bodleian *15th century* A-377; GKW 2323; Goff A953.

$5,000 - 7,000

1



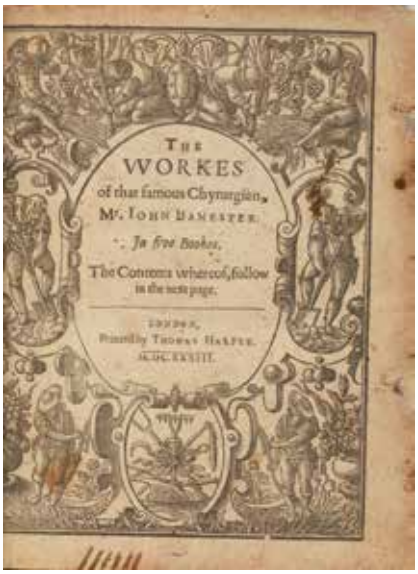
2

4

4
ARNOLD, FRIEDRICH. 1803-1890.
Der koptheil des vegetativen nervensystems biem menschen....
Heidelberg & Leipzig; Karl Groos. 1831.
4to (285 x 225 mm). 10 engraved plates and 10 corresponding outline plates. Contemporary paper-backed boards, printed paper spine label, edges untrimmed and uncut. Soiling to covers, light chipping to spine, foxing throughout.

WITH: *Tabulae Anatomicae*. Zurich: Orell Fuessli, 1838-1839. Volumes I and II (only). 2 volumes. Folio (522 x 420 mm). Publisher's boards, paper labels on covers. Spines perished, disbound, covers and leaves heavily chipped at edges, library blindstamps on all leaves, foxing. Of an intended 4 volumes, only three were published. Waller 486.

$800 - 1,200



5

5
BANISTER, JOHN. 1533-1610.
The Workes of that Famous Chyrurgian ... His Cure of Tumors, of Wounds, of Ulcers, of Fractures and Luxations ... His Antidotary, being a Storehouse of all Sorts of Medicines.... London: Thomas Harper, 1633.
Small 4to (188 x 140 mm). Additional title within pictorial woodcut border. 20th-century blind-ruled calf, 4 raised bands on spine. Spine heavily sunned, stain to fore-edge with some etching into page margins, scattered browning and spotting throughout.

FIRST COLLECTED EDITION, including 5 treatises, together with *A Storehouse of Physicall and Philosophicall Secrets* added at the end, which describes techniques for distilling oils. STC 1357; Krivatsy 632; waller 656; Wellcome I, 659.

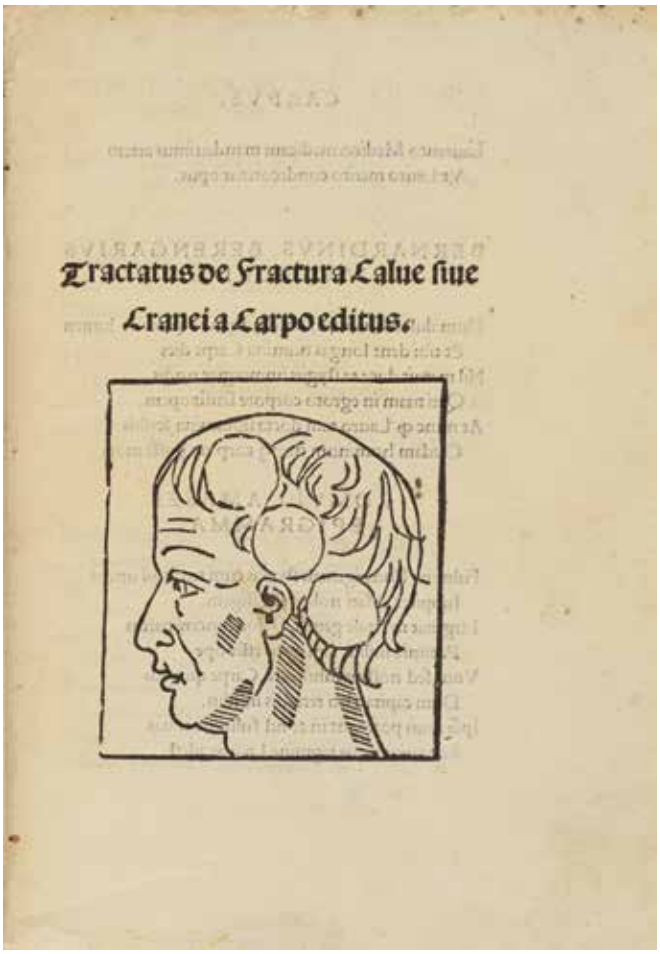
$1,000 - 1,500

6

6
BELL, CHARLES. 1774-1842.
Illustrations of the Great Operations of Surgery. London: Longman, Hurst, Rees, Orme, and Brown, 1821.
Oblong folio (378 x 275 mm). 20 engraved plates (17 with hand-coloring), engraved illustration in text. Contemporary quarter sheep and textured cloth, morocco gilt lettering piece on upper cover, yellow endpapers. Covers heavily rubbed and soiled, corners chipped, free endpapers creased, library stamp on title, insect damage to rear endpapers and final leaf of text, fingermarks, some staining, scattered foxing.
Provenance: Norwich & Norfolk United Medical Book Society Library (bookplate and stamp).

FIRST EDITION, FIRST PRINTING of "one of the most remarkable illustrated books in the history of surgery...." (Norman). Bell's drawings of the operations he had performed were the basis of the engravings, prepared by Thomas Landseer (1794-1880). Garrison-Morton-Norman 5588; *Heirs of Hippocrates* 1305; Norman 174; Waller 857; Wellcome II, 136.

$1,000 - 1,500



7

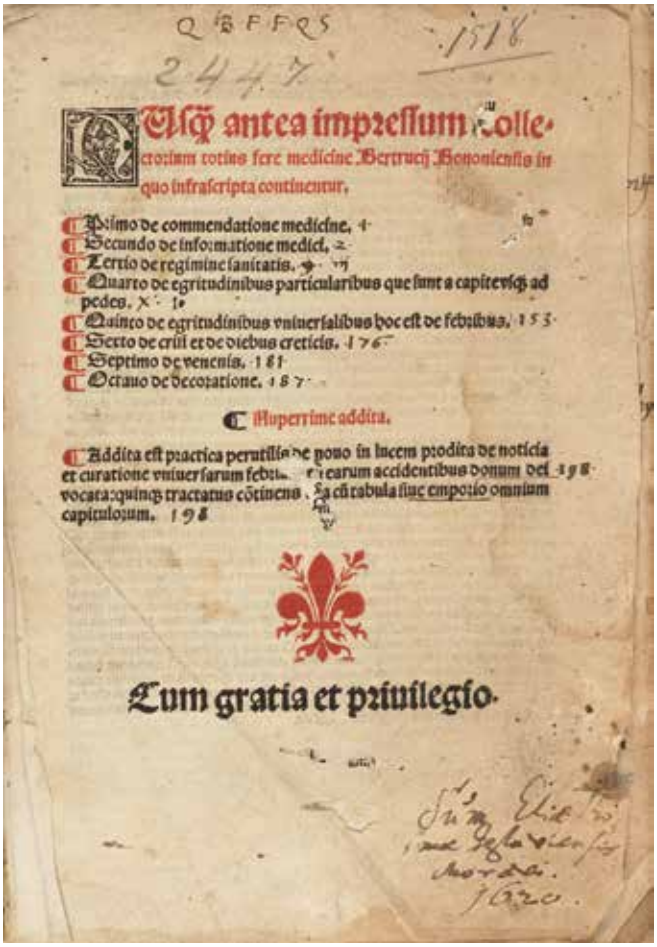
BERENGARIO DA CARPI, GIACOMO. C.1460-1530.

Tractatus de fractura calve sive cranei. Bologna: Hieronymus de Benedictis, 10 December 1518.

4to (215 x 150 mm). Roman type, title in gothic type. Anatomical woodcut of the cranium on title, 21 woodcut illustrations of surgical instruments, 2 large woodcut initials of Renaissance ornament, and numerous other smaller initials, woodcut printer's device at end. Tall copy, some lower margins with deckled edges. Modern vellum antique. A few marginal repairs, some minor staining, lacking final blank.

FIRST EDITION OF THE FIRST SEPARATE TREATISE ON HEAD INJURIES AND THEIR NEUROSURGICAL TREATMENT. In 1517 Berengario attended to Lorenzo de Medici who had suffered a gunshot wound and a skull fracture in battle. The work was written as a result of the assignment and was dedicated to Lorenzo. It was also written as an effort to dispute some of the controversy around the care of Lorenzo by the numerous physicians and surgeons. "Berengario was able to cite from contemporary knowledge or from his own direct observation the relationship between the location of the lesions and the resulting neurological effects ... Berengario's book was the most original neurosurgical treatise until then and was not surpassed until the appearance of Ambroise Pare's similar work in 1562" (DSB). Garrison-Morton-Norman 4850.2; Norman 186.

$10,000 - 15,000



8

9

8
BERTUCCI, NICCOLO. D. 1347.
Nusquam antea impressum Collectorium totius fere medicine Bertrucii Bononiensis in quo infrascripta continentur. Lyon: Jabo Myt and Barthélemy Trot, 1518.
8vo (204 x 140 mm). Title page in red and black, Gothic letter text. Contemporary vellum incorporating vellum leaves from an earlier manuscript, remnants of ties at edge. Heavily stained and rubbed with small losses, worming through covers and first and last leaves, staining, browning and wear throughout, extensive old ink marginalia.

Third edition of this work, originally published in 1509. A student of Mondino de Luzzi, Bertucci (also Bertrucci, Bertruccio, and other spellings) was a professor of logic and medicine in Bologna. He developed a highly specific methodology for anatomical dissections. Bertucci died when the plague struck Bologna in late 1347. Durling 564; Wellcome I, 821.

$1,000 - 1,500

9
BIDLOO, GOVARD 1649-1713.
Anatomia humani corporis, centum & quinque tabulis, per artificiossis. G. de Lairesse ad vivum delineatis. Amsterdam: for the widow of Joannes van Someren, the heirs of Joannes van Dyk, Henry Boom and widow of Theodore Boom, 1685.
Folio (503 x 348 mm). Additional engraved title and 105 numbered engraved plates after Lairesse, probably by Bloteling (number 10 printed on two sheets and plate 23 folding). Contemporary limp vellum, modern gilt lettered spine label, endpapers renewed. Lower right corner and inner margin of engraved title renewed, folding plates with repaired tears, a few plate numbers trimmed, occasionally some light marginal staining.

FIRST EDITION of the first large scale anatomical atlas since Vesalius' *De humani corporis fabrica* (1543). "The value of Bidloo's Anatomia lies chiefly in the 105 fine copperplate engravings drawn by G. de Lairesse (1640-1711)" (G&M). "For Lairesse, the anatomical illustrations Bidloo asked him to undertake were an occasion for an artistic meditation on anatomy: he displayed his figures in an emotional, almost tender manner, contrasting the raw dissected parts with the full, soft surfaces of uncut flesh, placing flayed, bound figures in ordinary nightclothes or bedding, setting ordinary household objects such as books, jars, or cabinets in the same scene as cut-up torsos or limbs. His illustrations brought the qualities of Dutch still-life painting into anatomical illustration, and gave a new, darker spiritual expression to the significance of the act of dissection" (Norman). The engraver of the plates is not mentioned except on the bust portrait of Bidloo which is signed *A. Blooteling sculp.* According to Haller the engravings are by van Gunst, and Moehsen identifies the brothers Peter and Philip van Gunst (see Choulant). Choulant-Frank, pp 251-252; Garrison-Morton-Norman 385; *Heirs of Hippocrates* 667; Norman 231; Wellcome II, 165.

$6,000 - 9,000

10
BIGELOW, HENRY JACOB.
"Insensibility During Surgical Operations Produced by Inhalation" [IN] *The Boston Medical and Surgical Journal*, volume XXXV, number 16, pp 309-317, November 18, 1846. Boston: David Clapp, 1847.
25 (of 26) issues of volume 35 (lacking issue 24). 8vo (224 x 134 mm). Contemporary sheep, rebacked. Rubbed, toning, scattered foxing and a few small stains to edges.

ONE OF THE MOST IMPORTANT PUBLICATIONS IN THE HISTORY OF MEDICINE AND SURGERY, in the rare original periodical issue. "The first published announcement of the discovery of surgical anesthesia, the most significant contribution to medicine made in the United States during the nineteenth century" (Norman). Bigelow watched John C. Warren perform the first public demonstration of an operation using ether at the Massachusetts General Hospital on October 16, 1846, with William Morton administering the anesthetic. This original issue is rarer than the offprint of Bigelow's article, which omits seven paragraphs concerning a proposed patent. Garrison-Morton-Norman 5651; Norman 232.

$3,000 - 5,000

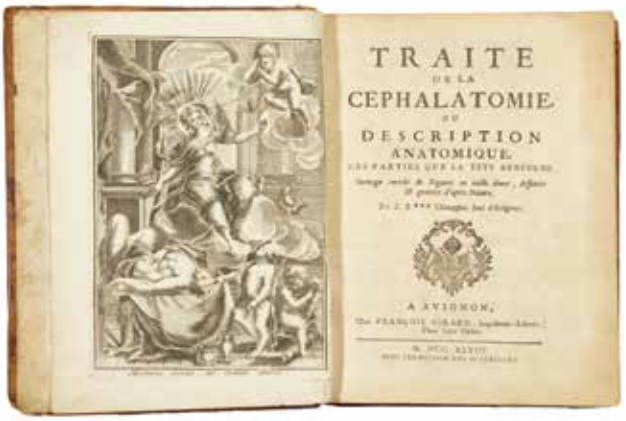
THE
BOSTON MEDICAL AND SURGICAL JOURNAL.
INSENSIBILITY DURING SURGICAL OPERATIONS PRODUCED BY INHALATION.

10

11
BONHOMME, JEAN-BAPTISTE. 1708-1793.
Traite de la cephalotomie ou description anatomique des parties que la Tete renferme. Avignon: Francois Girard, 1748.
4to (241 x 187 mm). Engraved frontispiece, 24 engraved plates, 2 of which are folding. Contemporary mottled sheep, spine gilt with red leather label. Lacks front free endpaper, brief early marginalia in a few instances, some toning, some brief dampstains, small worm trail in fore-edge margin in the final portion (p 391+), binding with corners bumped and rubbed, head and tail of spine rubbed.

FIRST AND ONLY EDITION of this rare work on neurology, by an otherwise obscure French surgeon from Avignon. Although evidently published in limited numbers, the illustrations in the book are first rate. The text constitutes one of the era's most important surgical manuals on the structure and anatomy of the head. Wellcome II, 199.

$800 - 1,200

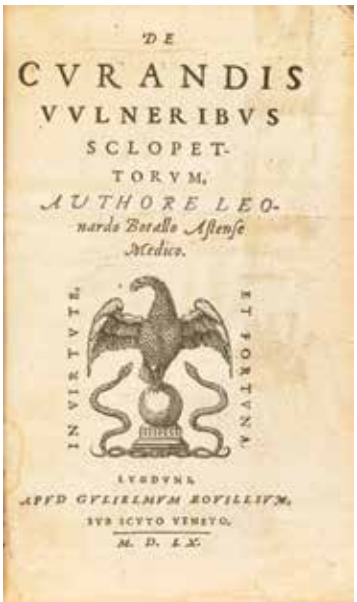

TRAITE
DE LA
CEPHALATOMIE
OU
DESCRIPTION
ANATOMIQUE
A AVIGNON,

11

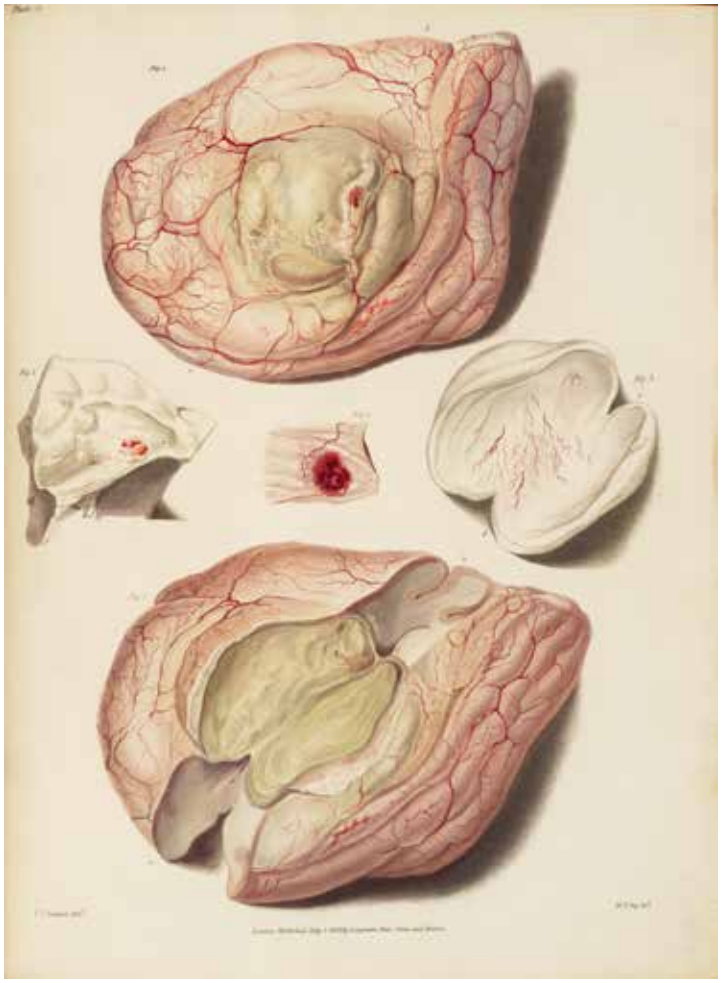
12
BOTALLO, LEONARDO. 1530-C.1587.
De curandis vulneribus sclopettorum. Lyon: Guillaume Rouillé, 1560.
Small 8vo (155 x 100 mm). Woodcut printer's device on title page, woodcut illustrations in text. Early 20th century half vellum and marbled boards. Light soiling to covers, margins trimmed touching headers in some places, light dampstaining.

FIRST EDITION. Botallo studied medicine at the Universities of Pavia and Padua, and had a practice in Asti before joining French forces in Italy, and taking part in the battle of Ceresole as a military surgeon. He later became one of the personal physicians of Charles IX. This treatise combined previously published information with Botallo's own observations as a military surgeon, and supported Ambroise Paré's conclusion that gunshot wounds were not inherently poisonous. It was also an early work to address the neurological impact of head injuries. Wellcome I, 998.

$2,000 - 3,000


DE
CVRANDIS
VVLNERIBVS
SCLOPET-
TORVM,
AUTHORE LEO-
nardo Botallo Aſtenſe
Medico.
IN VIRTVTE ET FORTVNA
LVGDVNI,
APVD GVILIELMVM ROVILLIVM,
SVB SCVTO VENETO.
M. D. LX.

12



13

13

BRIGHT, RICHARD. 1789-1858.

Reports of Medical Cases, Selected with a View of Illustrating the Symptoms and Cure of Diseases by a Reference to Morbid Anatomy. London: Longman, Rees, Orme, Brown, and Green, 1827-1831. 3 volumes. Large 4to (314 x 255 mm). 54 engraved plates, mostly by William Say after Frederick Richard Say (47 hand-colored, 5 folding). 20th-century red three-quarter morocco, spines with 5 raised bands, lettered in gilt. Spines sunned, library markings on titles and few other pages, a few plates in last volume with dampstaining, scattered chipping to page edges, browning and spotting.
Provenance: Library of the Medical Faculty, McGill University (stamps).

FIRST EDITION OF BRIGHT'S MOST IMPORTANT WORK, based upon his extensive clinical researches. Volume I contains his case histories of kidney disorders, including those now identified as "Bright's disease." Volume II is mostly devoted to cases relating to diseases of the brain and nervous system. According to the publisher's ledgers, 243 copies of Volume I, and 171 copies of both parts of Volume II were sold between 26 September 1827 and 5 September 1861, when the last remaining copies were destroyed by the fire at Longman's warehouse. Garrison-Morton-Norman 2285 & 4206; Grolier *Medicine* 60A; *Heirs of Hippocrates* 1451; Norman 341; Osler 1340; Waller 1460; Wellcome II, 239.

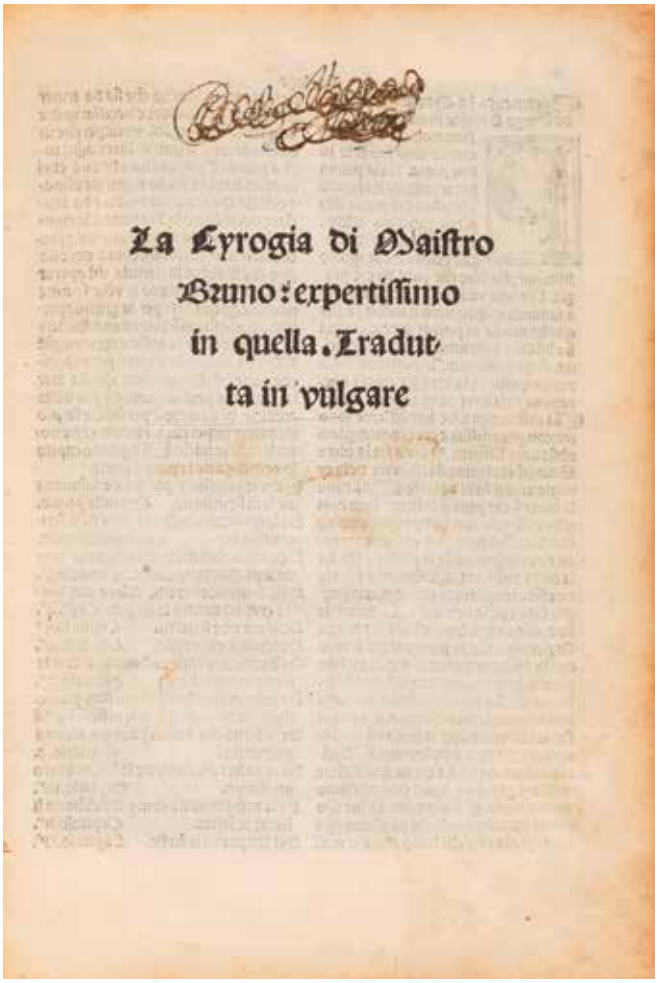
$12,000 - 18,000

Prologo

Incomença la Cyrogia di Bruno de Burgo Dottore famosissimo.

Rimeramẽte sappi che questo libro se parte in due parte. Nela prima parte insegna li capitoli Nela altra distingue li capitoli luno da laltro. Innançi chio me voglia extendere in questo libro voglio dire che vol dire Cyrogia. Cyrogia vuol dire arte de le mani a sanare li corpi o vero li mebri: o per questo modo tu potrai dire. Cyrogia si e lultimo instrumento nela medicina. E quando tutte le medicine sono provate: allhora la cyrogia cioe la operatione deli ferri conuengono essere. Li instrumenti de le medicine sono tre: con grandissime cure conuengono observare li infirmi. Prima sia la dieta Seconda la beuanda. Tertia dela cyrogia: cioe li ferri de larte. In prima la dieta si e lo primo instrumento e migliore essendo con bono regimento como dice Galieno: Nel començamento de la infirmitade la prima cosa sie la dieta ordinata. E se luomo nõ viene essere megliorato con la dieta: peggio fara con la beuanda. Et dice maestro Giouanni Damasceno sopra questa parola. Se tu puoi curare luomo con la dieta: tu troverai prosperitade: perche bono regimento fa bona digestione. Lo secõdo instrumẽto si e la beuãda: unde dice Galieno. Se tu poi sanare luomo con la beuanda: nõ te mettere ala opera de le mani. Dicitur autem cyrogia a cyros grece che e mano: e gia che e atto: cioe operatione manuale. Ualy dice: fa luocho molto ben che quelli che vogliono operare questa arte che siano astutie: e massimamente in luocho che sia da temer seccione e lo cerusico: e necessario che non siano inuriagi di vino: perche in questa arte nõ se puo scriuere ogni cosa a pieno. E per questo e buono che el medico habbia senno naturale e buono. Dice Damasceno molto e da laudare nel medico la sua buona memoria. La memoria e lo ingegno uale piu che larte al medico. Anchora e di bisogno che lhabbia la scientia ad operar questa arte. Solevano le ville femine operare questa arte per la grande presumptione sua: nõ haveuano scientia ne arteficia certe oratiõe: e certi vngue ti. Dice Lalmansore: quasi per maggiore parte ad esso operano questa arte huomini di pocha scientia: e piu volte credeno di guarire le persone: e fanno il contrario: perche loro non conoscono le infirmitade. Lo primo capito lo comença de la prima parte.

De le divisione generale e solutione de le infirmitade. Capitolo primo.
De le commune disputatione de le ferite diverse. Capitolo secondo.
Dele ferite somme diligentie ne le cure de le piaghe de la carne. Capitolo.3°.
Dele budelle overo di coloro che sono crepati dentro lo corpo. Cap°.4°.
De le cure de li nervi. Capitolo.5°
De le piaghe mortale. Capitolo.6°.
De lhomo che fusse bastonato: o con la pietra: o ammachato. Capitolo.7°.
De le ferite che non fusseno state provedute incontinente con le tasse. Cap°.8
De le ferite che nascesse dentro alcuna putredine. Capitolo.9.
Zifar nascere la carne ne la ferita: overo apostema. Capitolo.10°.
De le disputatione como se debbono liberar le ferite. Capitolo.11°.
Del sangue de le ferite. Capitolo.12°.



La Cyrogia di Maistro Bruno: expertissimo in quella. Tradutta in vulgare

14

14

BRUNO DA LONGOBURGO. 1200-1286.

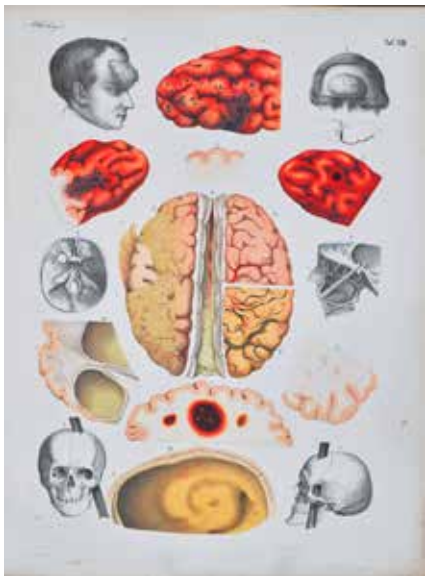
La cyrogia di Maistro Bruno: Expertissimo in quella. Tradutta in vulgare. Venice: Simon de Luere, 17 June 1510.

4to (201 x 144 mm). Printer's device at end, a few woodcut initials. Early vellum, author's name in ink on the spine, endpapers renewed. Light marginal browning and staining, small wormholes in last 10 leaves filled in, short ink inscription (deleted) on title.

FIRST AND ONLY SEPARATE EDITION of one of the earliest European surgical treatises. Bruno da Longoburgo studied surgery in Bologna or possibly Padua, and practiced in the latter city, where he helped found the University of Padua. His *Chirurgia magna*, completed in 1252, antedates those of Lanfranch, Henri de Mondeville, Guy de Chauliac and Gulielmo da Saliceto, even though it did not appear in print until the end of the fifteenth century, when it was included in the *Chirurgia magna* (1498) of Guy de Chauliac.

It was never again published separately, or in a modern language. Bruno's *Chirurgia magna* was the first surgical treatise of its time to draw upon the works of Arabic authors, primarily Albucasis. The work is divided into two books of twenty chapters each: the first book deals with wound surgery, fractures, and the nerves, while the second book discusses the surgery of specific parts (eyes, nose, lips, ears), the treatment of burns, and conditions such as hernia, cancer and bladder stones, as well as operations on the teeth and the antrum of Highmore (maxillary sinus). Bruno was "an experienced surgeon, and refer[red] many times to his own observations" (Sarton, *Introduction to the History of Science,* 2, p 1077). Durling 738; Garrison-Morton-Norman 11034; *Heirs of Hippocrates* 90.

$8,000 - 12,000



15

15
BRUNS, VICTOR VON. 1812-1883.
Chirurgischer Atlas. Bildliche Darstellung der chirurgischen Krankheiten und der zu ihrer Heilung erforderlichen Instrumente, Bandagen und Operationen. Tübingen: H. Laupp, 1853-1854.
2 volumes. Folio atlas (500 x 382 mm) and 8vo text volume (220 x 146 mm). 15 (of 30) lithographic plates (1 printed in color). Non-uniform quarter morocco and marbled boards. Atlas volume rubbed, corners bumped, soiling to covers, foxing throughout; text volume re-cased retaining original spine and boards, rubbed, foxing.
Provenance: Atlas: Landesbilbiothek Altenburg (stamp on title page); Text: Stadt Krankenhaus Konstanz (stamp on title page).

FIRST EDITION of this atlas of neurosurgery, with numerous rare illustrations of case studies. Von Bruns, the father of the Tübingen surgical school, was one of the pioneers of neurosurgery in Germany. Waller 1574.

$800 - 1,200

16

16
CASSERIO, GUILIO CESARE. 1552-1616.
Tabulae anatomicae LXXIIX ... Daniel Bucretius ... XX que deerant supplevit et omnium explicationes addidit. Venice: Evangelista Deuchinus, 1627.
Folio (390 x 250 mm). Engraved title page, 97 full-page engraved plates (numbered to 95), woodcut ornaments, large woodcut printer's device on colophon. 18th-century blind-ruled calf, rebacked retaining original spine with 6 raised bands, morocco gilt lettering piece. Covers repaired, stained, corners bumped, numerous marginal paper repairs, especially to lower outside corner, some soiling and staining, light offsetting.

FIRST EDITION, with 77 plates by or after J. Maurer, and 20 by Francesco Valesio after Odoardo Fialetti. "First publication of the very beautiful copper plates engraved by Francesco Balesio after Odoardo Fialetti, a pupil of Titian. Casseri commissioned these plates covering the whole field of human anatomy for his unfinished master work entitled Theatrum Anatomicum. For this publication, the editor, Daniel Rindfleisch added another 20 plates by the same artist/engraver team" (GM). Recent scholarship reveals that tables 9 and 10 of Casserius's anatomy represent "the first accurate portrayal of the arterial anastomosis at the base of the brain" (Bender), known as the Circle of Willis. See Bender, "Julius Casserius and the First Anatomically Correct Depiction of the Circulus Arteriosus Cerebri of Willis," *World Neurosurgery* pp 791-797; Cushing C114; Garrison-Morton-Norman 381.

$2,000 - 3,000

17

17
CELSUS, AULUS AURELIUS CORNELIUS C.25 B.C.E.-50 C.E.
In hoc volumine haec continentur. Aurelii Cornelii Celsi medicinae libri VIII ... Quinti Sereni liber de medicina. Venice: Heirs of Aldus the Elder, 1528.
8vo (208 x 140 mm). Woodcut Aldine printer's device on title and verso of colophon. 20th century vellum, retaining original paste-downs with contemporary ink notations. Some browning and minor chipping to a few edges, ink marginalia.

One of the earliest Roman medical works, in the first and only edition from the Aldine press, containing the poem "De mediana" by Quintus Serenus. The first edition, published in Florence in 1478 was among the first printed medical texts. Adams C1241; Ahmanson-Murphy 250; Durling 908; *Heirs of Hippocrates* 21; Norman 428; Renouard 105:1; Wellcome I, 1397.

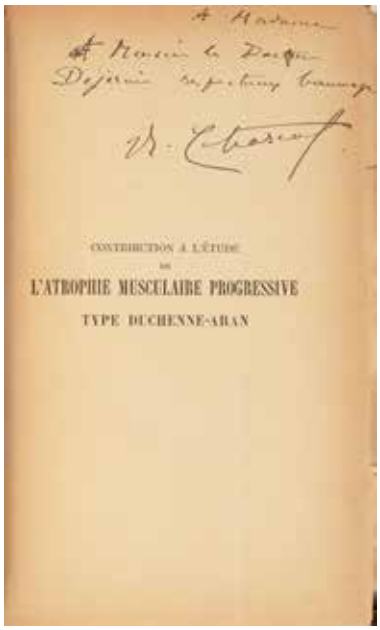
$1,000 - 1,500

18
CHARCOT, JEAN-BAPTISTE. 1867-1936.
Contribution a l'étude de l'atrophie musculaire progressive type Duchenne-Aran. Paris: Progrès médical/Félix Alcan, 1895.
8vo. 4 plates (3 colored), illustrations in text. Contemporary red quarter morocco and marbled boards, spine with 4 raised bands, lettered in gilt. Somewhat rubbed, half-title creased and chipped at fore-edge, light browning.

FIRST EDITION, PRESENTATION COPY, inscribed on the half-title "*A Madame et Monsieur le Docteur — De je suis respecteux* [illegible] — *Dr. Charcot*." Garrison-Morton-Norman 4758.

WITH: CHARCOT, JEAN-MARTIN. 1825-1893. *Leçons sur les maladies du système nerveux faites a la Salpetriere.* Paris: Adrien Delahaye, 1872-1873. 1 volume (of 3). 8 lithographic plates. Contemporary quarter calf and marbled boards, marbled endpapers. Joints cracked, reinforced at hinges, some chipping, browning to text leaves and edges of plates.

$800 - 1,200



18

19
CHEYNE, JOHN.
Cases of Apoplexy and Lethargy: With Observations upon the Comatose Diseases. London: Thomas Underwood, 1812.
8vo (210 x 130 mm). 5 engraved plates. 20th-century quarter calf and marbled boards, 5 raised bands on spine. Spine sunned, light shelfwear, lacking publisher's advertisements found in some copies, marginal paper repairs to plates at fore-end margins, offsetting from first plate, light spotting.

FIRST EDITION. "Cheyne believed that cerebral anaemia might be the cause of apoplexy and described pathological cases of cerebral infarction and of cerebral haemorrhage. The work contains the first illustration of a subcutaneous haemorrhage" (Garrison-Morton-Norman 4519.1).

$1,000 - 1,500

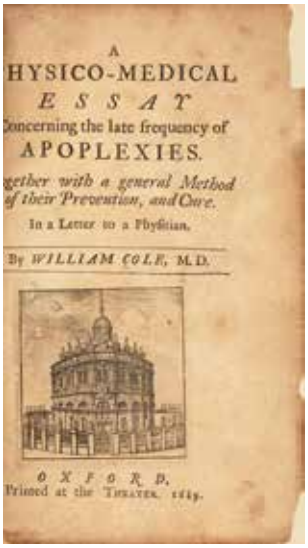
19

20
CIVIL WAR.
MOORE, SAMUEL PRESTON. 1813-1889. *A Manual of Military Surgery Prepared for Use of the Confederate States Army.* Richmond: Ayres & Wade, 1863.
8vo (175 x 115 mm). 30 engraved plates. Contemporary quarter brown cloth and marbled stiff wrappers. Rubbed, chipping to wrappers at corners, foxing and browning throughout.
Provenance: Major Edward S. Ruggles (Confederate officer, 1843-1919, ink stamp and inscriptions); Alfred M. Hellman (Anesthesiologist, 1880-1955, bookplate).

FIRST EDITION of a rare Confederate imprint. "The official manual of military surgery for the Confederacy, prepared by a group of officers at the order of Confederate Surgeon-General Samuel Preston Moore" (Norman). Another work by the same name, by J. Julian Chisolm, was published in 1861/1862. Crandall, 1057; Garrison-Morton-Norman 7736; Norman, 1433; Parrish and Willingham, 1984.

$1,500 - 2,500

20

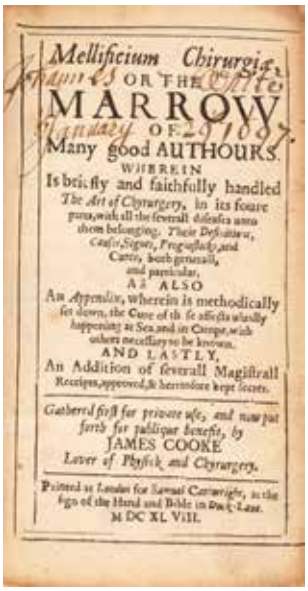

A
HYSICO-MEDICAL
ESSAY
Concerning the late frequency of
APOPLEXIES.
gether with a general Method
of their Prevention, and Cure.
In a Letter to a Physitian.
By WILLIAM COLE, M.D.
OXFORD,
Printed at the THEATER, 1689.

21

21
COLE, WILLIAM. 1635-1716.
A Physico-Medical Essay concerning the late Frequency of Apoplexies. Oxford: printed at the [Sheldonian] Theater, 1689.
8vo (175 x 114 mm). Imprimatur leaf, engraved vignette of the Sheldonian Theater on title page. 20th century black morocco. Lacking portrait frontispiece before title, rubbed, some scuffs on spine, scattered browning and spotting.

FIRST EDITION of this work on cerebrovascular disease. Krivatsy 2569; Osler 2347; Wellcome II, 369; Wing C5043.

$800 - 1,200

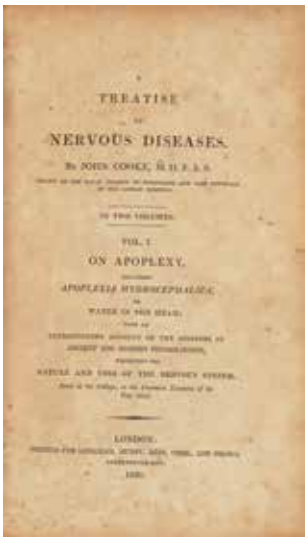

Mellificium Chirurgiæ,
OR THE
MARROW
OF
Many good AUTHOURS.
WHEREIN
Is briefly and faithfully handled
The Art of Chyrurgery, in its foure parts, with all the severall diseases unto them belonging. Their Definitions, Cause, Signes, Prognostick, and Cures, both generall, and particular,
As ALSO
An Appendix, wherein is methodically set down, the Cure of those accidents usually happening at Sea, and in Campe, with others necessary to be known.
AND LASTLY,
An Addition of severall Magistrall Receipts, approved, & heretofore kept secrets.
Gathered first for private use, and now put forth for publique benefit, by
JAMES COOKE
Lover of Physick and Chyrurgery.
Printed at London for Samuel Cartwright, at the Sign of the Hand and Bible in Duck-Lane.
M DC XL VIII.

22

22
COOKE, JOHN. 1614-1694.
Mellificium Chirurgiae, or the Marrow of Many Good Authors Enlarged. London: for Samuel Cartwright, 1648.
12mo (145 x 85 mm). Imprimature leaf before title, woodcut initials and headpieces. Contemporary calf, rebacked. Margins trimmed, extensive ink marginalia, browning and spotting.
Provenance: Jhames [sic] White (ink inscription on title, dated January 29, 1697).

FIRST EDITION, of a total of nine original editions, the last in 1717. Krivatsy 2706; Wellcome II, 386; Wing C6012.

$1,000 - 1,500


A
TREATISE
OF
NERVOUS DISEASES.
By JOHN COOKE, M.D. F.R.C.P.
IN TWO VOLUMES.
VOL. I.
ON APOPLEXY.
APOPLEXIA HYDROCEPHALICA;
OR
WATER IN THE HEAD.
NATURE AND USES OF THE NERVOUS SYSTEM.
LONDON.

23

23
COOKE, JOHN. 1614-1694.
A Treatise on Nervous Diseases. London: Longman, Hurst, Rees, Orme, and Brown, 1820.
8vo (210 x 130 mm). Contemporary quarter calf and marbled boards, ruled in gilt on spine, gilt "Medical Society" lettering to upper cover. Covers detached, rubbed and chipped, browning throughout, pencil marginalia to some pages.

FIRST EDITION of the first part of Cooke's publications based on his Croonian lectures at the Royal College of Physicians. It is considered the first publication solely dedicated to clinical neurology. Garrison-Morton-Norman 4519.1.

$800 - 1,200

24
COTUGNO, DOMENICO. 1736-1822.
De Aquaeductibus auris humanae internae anatomica dissertatio. Naples: Typographia Simoniana, 1761.
8vo (210 x 139 mm). 2 folding engraved plates. Contemporary limp boards, yap edges. Spine repaired, with some chipping remaining, corners bumped, a few areas of soiling and some finger smudges, light spotting.

FIRST EDITION. Published when Cotugno was only 24 years old, this was the first published account of the aural aqueducts, and part of the author's "important contributions to the knowledge on the structure and function of the ear...." (Garrison-Morton-Norman 1549). Norman 521; Waller 2163.

$1,500 - 2,500

24

25
COTUGNO, DOMENICO. 1736-1822.
De Ischiade Nervosa Commentarius. Naples: Fratres Simonios, 1764.
8vo (198 x 117 mm). Title printed in red and black with engraved printer's device, 1 folding engraved plate. Modern vellum, titled in gilt on spine, marbled edges. Scattered spotting.

FIRST EDITION of the first work to suggest that spinal fluid was connected to the brain. Garrison-Morton-Norman 1382 & 4515; Waller 2166; Wellcome II, 398.

$2,000 - 3,000

25

26
COTUGNO, DOMENICO. 1736-1822.
A Treatise on the Nervous Sciatica or, Nervous Hip Gout. London: J. Wilkie, 1775.
8vo (210 x 131 mm). One engraved plate. Contemporary half calf and marbled boards. A bit rubbed, repaired tear to outside margin of engraved plate, light browning and spotting.
Provenance: Haskell F. Norman Library of Science and Medicine (bookplate; his sale, Christie's, June 15/16, 1998, lot 384).

FIRST ENGLISH EDITION: THE HASKELL NORMAN COPY. "In this, perhaps Cotugno's most important work, he differentiates arthritis from nervous sciatica, gives the first detailed description of cerebrospinal fluid, and shows that the congealed protein in the urine of a nephritic patient is a diagnostic sign" (*Heirs of Hippocrates* 1026, for the 1789 edition). Garrison-Morton-Norman 1382, 4204.2, 4515, and Norman 522 all cite the 1764 first edition.

$1,500 - 2,500

26

27

COWPER, WILLIAM. 1666-1709.

The Anatomy of Humane Bodies, with Figures Drawn after the Life.... Oxford: printed at the Theater, for Samuel Smith and Benjamin Walford, 1698.

Folio (570 x 355 mm). Mezzotint frontispiece portrait of the author, allegorical engraved title with pasted-on English title in cartouche as usual, second engraved title with large vignette, 114 engraved anatomical plates (2 folding, one printed on two joined sheets) 105 designed by Gérard de Lairesse (1640-1711) and probably engraved by Bloteling, 9 mostly drawn and engraved by M. van der Gucht, woodcut tailpieces and initials. Contemporary blind paneled calf, neatly rebacked, gilt-lettered red leather spine label. Covers with restoration to corners and a few other areas, a few scuff marks. Mezzotint frontispiece with margin extended possibly supplied from another copy, repaired tear to a few plates, a few stray spots. *Provenance*: Jonathan Chicheley Middle Temple (his inscription "March 12 1723/4 lent to Mr. Geroge Sayer Surgeon").

FIRST EDITION OF "THE LARGEST IN FORMAT, AND MOST ELABORATE AND BEAUTIFUL OF ALL 17TH CENTURY ENGLISH TREATISES ON ANATOMY. Cowper purchased sets of the copperplates used to illustrate [Govard] Bidloo's book [*Anatomia humani corporis*, 1685] ... apparently without Bidloo's permission, and issued them under his own name with an improved text in English, and a new illustrated appendix. For the frontispiece Cowper had a small printed flap with his own name pasted over Bidloo's own engraved title and name" (G-M). Cowper's text showed "a great deal of original research and fresh new insights" (*Heirs*). The nine new plates that Cowper commissioned, drawn by Cooke and engraved by van der Gucht, include front and back views of the entire musculature. The engraver of the Lairesse plates is not mentioned in Bidloo's work except on the bust portrait of Bidloo which is signed *A. Blooteling sculp.* According to Haller the engravings are by Van Gunst, and Moehsen identifies the brothers Peter and Philip Van Gunst (see Choulant p 250). Whomever the engraver, the illustrations are considered masterpieces of Dutch baroque art. Garrison-Morton 385.1; *Heirs of Hippocrates* 723.9; Welcome II, 401; Wing C-6698.

$6,000 - 9,000

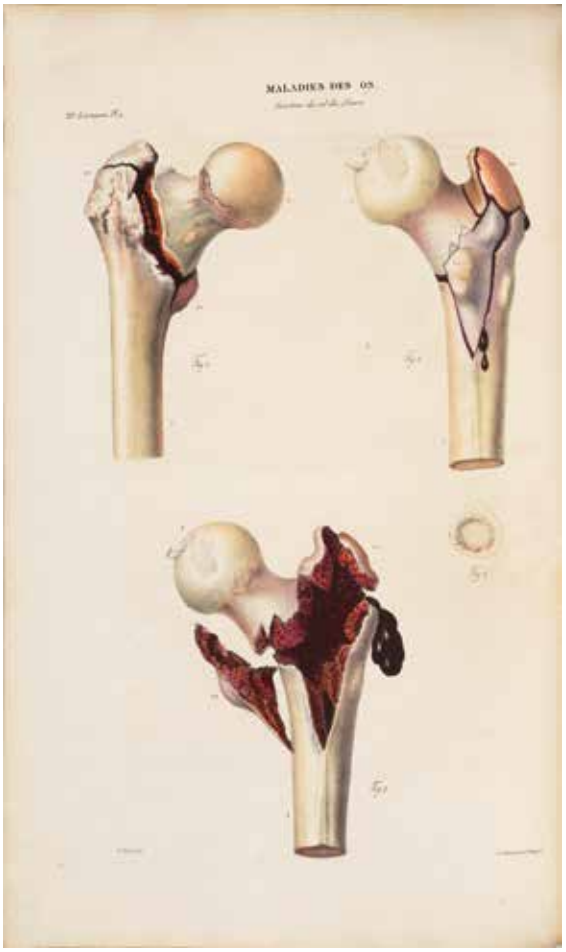
28

CROCE, GIOVANNI ANDREA DELLA. 1509?-1575.
Chirurgia libri septem.... Venice: Jordanus Zilettus, 1573.
Folio (298 x 210 mm). Woodcut printer's device on title, numerous woodcut illustrations and nearly 500 illustrations of surgical instruments. Contemporary limp vellum, contemporary ink lettering to lower fore-edge, spine repaired, some wrinkles and light staining to sides; some browning and staining, heavier to approximately 16 leaves, G5 torn, with old repair, R3 with hole affecting a few letters. *Provenance*: a few early notes; ink stamp on title (illegible).

FIRST EDITION, a beautiful Renaissance work on surgery and neurosurgery. "The *Chirurgiae* is chiefly an historical compilation of the writings of the important authorities from Hippocrates to Abulcasis. Croce's recommendations for wound management are surprisingly modern and are similar to some of those used during the early years of the 20th century. Noteworthy are the many excellent illustrations that appear throughout the text. Nearly all the best known and most recently used surgical instruments are depicted in historical sequence" (Heirs). Cushing C-477; Durling 1082; Garrison-Morton-Norman 4850.4; *Heirs of Hippocrates* 266; Wellcome I, 1666.

$8,000 - 12,000

29



30

29

CROOKE, HELKIAH. 1576-1635.

Microcosmographia [Greek title]. A Description of the Body of Man. Together with the Controversies Thereto Belonging. London: Thomas and Richard Cotes, 1631.

BOUND WITH: Paré, Ambrose. c.1510-1590. An Explanation of the Fashion and Use of Three and Fifty Instruments of Chirurgery. London: for Michael Sparke, 1631.

Folio (321 x 205 mm). Additional engraved title to first work and woodcuts throughout both. Contemporary calf, rebacked. Engraved title backed, small worm trail in first few gatherings, final 4 leaves in second work with small stain and hole, affecting text on some pages, a few instances of faint foxing, boards worn.

Provenance: Lewis Manselle (early ownership signature to engraved title and inscription to dedication leaf).

Second edition, enlarged and expanded of the first work and *FIRST EDITION IN ENGLISH* of the second work. Crooke received his medical degree from Cambridge in 1604. This book was first published in 1615, and according to his biographer, C. D. O'Malley, "this folio volume of about 1,000 pages with its many illustrations was an expensive venture ... *Microcosmographia* was certainly the largest and fullest anatomical work produced in England up to its day and for a considerable time to follow ... The illustrations were copied from those of Bauhin's *Theatrum anatomicum* and thus in the case of many represented an indirect derivation from Vesalius' *Fabrica*. This was the last notable use of the Vesalian illustrations in an English anatomical text ... In 1631 a genuine second edition of the *Microcosmographia* was published.... The dedication to James I that had so distressed the College [of Physicians of London] was retained in this second edition and a brief further dedication to Charles I was added, notable chiefly for the statement that whatever the merits of Crooke's presentation, anatomy was more thoroughly investigated by 'your very talented and observant Harvey.'" (C. D. O'Malley, "Helkiah Crooke, M.D.", in Bulletin of the History of Medicine, 42: 1-19, 1968). Garrison-Morton-Norman 13123; Osler 2395; Russel 223.

$1,500 - 2,500

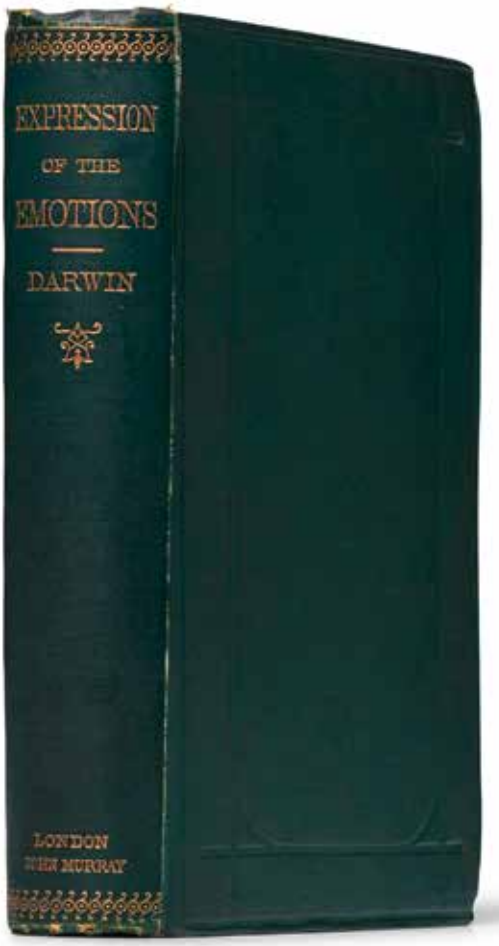
30

CRUVEILHIER, JEAN. 1791-1874.

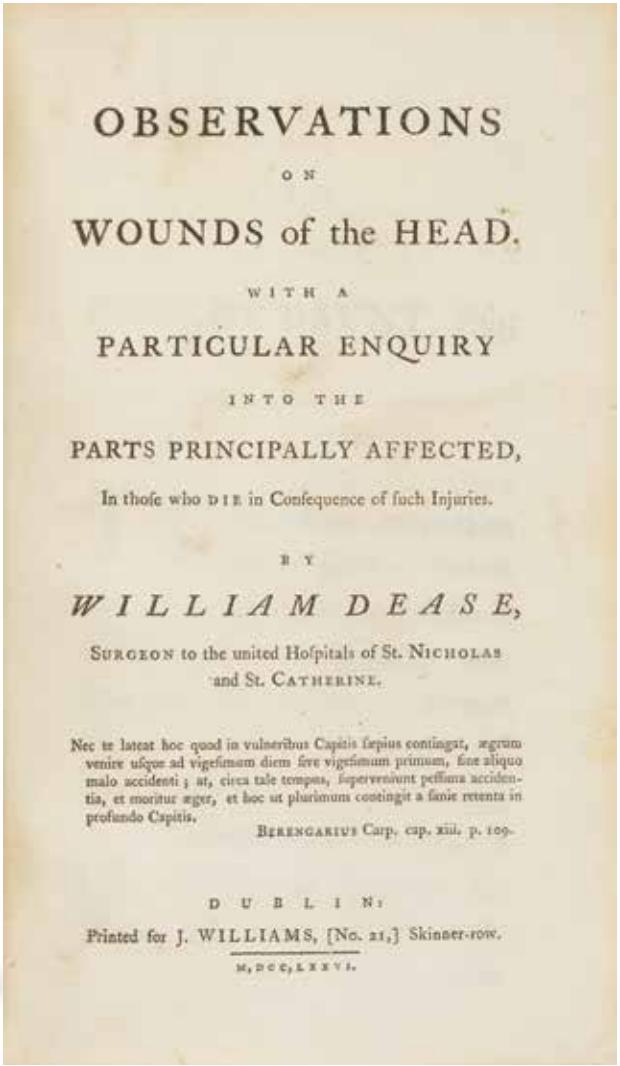
Anatomie pathologique du corps humain. Paris: J.-B. Baillière, 1829-1842. 40 parts in 2 volumes. Folio (475 x 307 mm). Half-titles, subscribers' list in volume 1, tables and lists of plates at end of each volume, general index at end of volume 2, 233 lithographed plates (2 double page, 167 hand-colored) by J. G. Martin and A. Chazal. Contemporary black quarter morocco gilt and marbled boards. Rubbed, joints starting a little at the tops, usual foxing, some leaves browned.

FIRST EDITION OF THE MOST COMPREHENSIVE OF THE EARLY ATLASES OF PATHOLOGY, published as a series of 40 parts over thirteen years. "The fine hand-colored lithographs of gross pathology make this one of the greatest works of its kind. Cruveilhier, first Professor of Pathological Anatomy in Paris, gave the first description of multiple sclerosis and an early description of 'Cruveilhier's palsy'" (Garrison-Morton-Norman). The lithographs are by the experienced anatomical illustrator Antoine Chazal (1793-1854). Garrison-Morton-Norman 2286; *Heirs of Hippocrates* 1479; Norman 538.

$2,000 - 3,000



31


OBSERVATIONS
ON
WOUNDS of the HEAD.
WITH A
PARTICULAR ENQUIRY
INTO THE
PARTS PRINCIPALLY AFFECTED,
In those who DIE in Consequence of such Injuries.
BY
WILLIAM DEASE,
SURGEON to the united Hospitals of St. NICHOLAS and St. CATHERINE.
Nec te lateat hoc quod in vulneribus Capitis sæpius contingat, ægrum venire usque ad vigesimum diem fere vigesimum primum, sine aliquo malo accidenti; at, circa tale tempus, supervenient pessima accidentia, et moritur æger, et hoc ut plurimum contingit a sanie retenta in profundo Capitis.
BERENGARIUS Carp. cap. xiii. p. 109.
DUBLIN:
Printed for J. WILLIAMS, [No. 21,] Skinner-row.
M, DCC, LXXVI.

32

31
DARWIN, CHARLES. 1809-1882.
The Expression of Emotions in Man and Animals. London: John Murray, 1872.
8vo. 7 heliotype plates, 4 pp publisher's advertisements at end, wood-engraved illustrations. Publisher's green cloth, blind-ruled sides, spine lettered in gilt, black endpapers. Rubbed, corners bumped, a few small tears to cloth, light foxing, some page edges and plate margins slightly rolled.
Provenance: George Andreas Berry (Scottish surgeon, 1853-1940, bookplate).

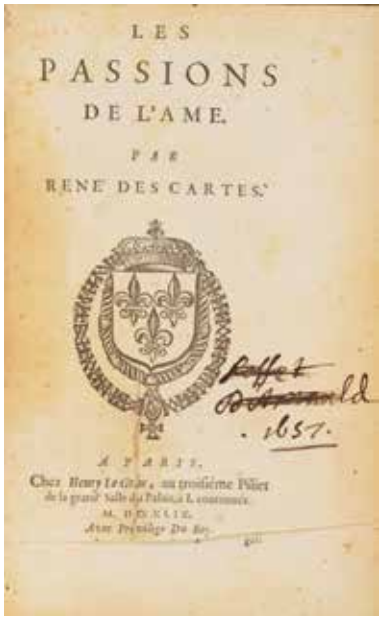
FIRST EDITION, FIRST ISSUE, with plates numbered in Roman numerals, p 142 lacking "g" in "generally" on line 18, and p 208 line 1 with "that" spelled correctly. Freeman 1141; Garrison-Morton-Norman 4975; Norman 600.

$800 - 1,200

32
DEASE, WILLIAM. C.1752-1798.
Observations on Wounds of the Head. Dublin: J. Williams, 1776.
8vo (202 x 126 mm). Early 20th century tan boards, paper lettering piece on spine. Joints cracked, stains to exterior and endpapers.
Provenance: Cyril B. Courville, MD (1900-1968, "Bibliotheca Neurologica Courvilli" bookplate).

FIRST EDITION. Dease was one of the founders of the Royal College of Surgeons in Ireland. ESTC N41818.

$700 - 900



33

33
DESCARTES, RENÉ. 1596-1650.
Les passions de l'âme. Paris: Henry Le Gras; 1649.
Small 8vo (155 x 98 mm). 18th century mottled calf, spine gilt in 5 compartments. Joints cracked, lower margin of title page trimmed to remove ownership marking, lined-out ownership signature on title, scattered light staining and foxing.

FIRST EDITION of the last work by Descartes. In this work he examines the relationship between mind and body, in keeping with his philosophy that living beings are completely mechanistic automata. This Paris edition was issued simultaneously with the Elzevier edition in Amsterdam. Garrison-Morton-Norman 4965; Guibert, pages 150-51; Norman 626.

$2,000 - 3,000

34

34
DESCARTES, RENÉ. 1596-1650.
De homine figuris et latinitate donatus a Florentio Schuyl. Leiden: P. Leffen and F. Moyard, 1662.
4to (204 x 153 mm). Woodcut device on title page, 10 engraved plates (one with overlays, 4 folding), 56 woodcut and engraved illustrations in text. Contemporary ruled calf, rebacked to style. Repairs to covers, corners bumped and chipped, plate with overlays trimmed to plate line at outer margin, scattered spotting.

FIRST EDITION of Descartes's textbook on physiology, the first published in Europe. Based on his concept of the human body as a machine, Descartes explains the body's function in purely mechanistic terms. He described for the first time involuntary movements brought on by external stimuli, closely approximating what would be described today as reflex actions. Garrison-Morton-Norman 574; Krivatsy 3120; Norman 627; Osler 931; Waller 2376; Wellcome II, 453.

$2,000 - 3,000

35

35
DESCARTES, RENÉ. 1596-1650.
L'Homme de Rene Descartes et un traitte de la formation du foetus.... Paris: Charles Angot, 1664.
4to (232 x 174 mm). Numerous woodcut illustrations in text. Contemporary mottled calf, rebacked retaining original spine with 5 raised bands. Rubbed, corners slightly bumped, old repairs to covers, ink ownership inscription on front free endpaper, a few minor stains and fingermarks.

FIRST FRENCH EDITION, having been published originally in Latin in 1662. When the French text of Descartes's work first appeared in 1664, it came from four publishers: Charles Angot, Theodore Girard, Jacques Le Gras, and his brother Nicolas Le Gras. All were printed from the same set of plates, but with each publisher adding his own name and vignette on the title page. Cushing D121; Garrison-Morton-Norman 574 (notes); Osler 931 (note); Wellcome II, 453.

$2,000 - 3,000

36
DORSEY, JOHN SYNG. 1783-1818.
Elements of surgery for the use of students. Philadelphia: Edward Parker, and Kimber & Conrad, 1813.
2 volumes. 8vo (210 x 130 mm). Engraved vignette on title of volume 1, 26 engraved plates. Contemporary tree calf, re-backed retaining original spines, red morocco lettering pieces. Rubbed, extensive browning and some dampstaining to margins.

FIRST EDITION of the first surgical manual written by an American physician. Dorsey held the professorial chairs of Materia Medica and Anatomy at the University of Pennsylvania, where his uncle, Philip Syng Physick, was first chair of Surgery. In addition to gleaning knowledge from his uncle, Dorsey was a gifted medical artist. Subsequent editions were issued in 1818, 1823 and 1831 — long after his untimely death. It was also the first American medical text to be exported: re-printed and used as a textbook in Edinburgh. Austin 678; Garrison-Morton-Norman 5585.1; Norman 652; Rutkow GS3.

$800 - 1,200

36

37
DRYANDER, JOHANNES. 1500-1560.
New Artznei und Practicierbüchlin. Frankfurt: Christian Egenolffs Erben, 1557.
8vo (150 x 98 mm). Woodcut vignette of surgical scene on title, 1 full-page woodcut and numerous small woodcut vignettes in text, some hand-colored. 20th-century half vellum and gray boards, titled in gilt on spine. Soiling to binding, staining and spotting throughout.

One of 6 editions of this work published between 1537 and 1572. The woodcuts by Hieronymus Bock include illustrations of medical procedures and ailments, including bloodletting, vomiting, bowel movements, and some anatomical subjects, all of which are depicted with a degree of whimsical amusement. See Durling 1219; VD 16, E 667; Waller 2579; Wellcome I, 1870f.

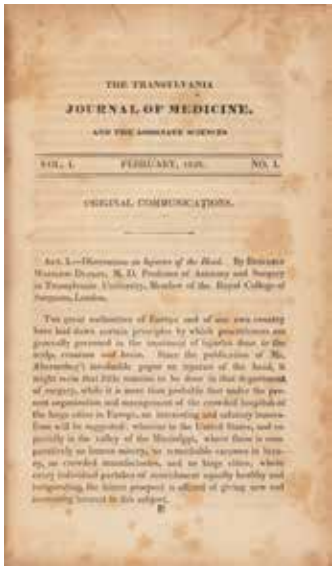
$1,000 - 1,500

37

38
DUDLEY, BENJAMIN WINSLOW. 1785-1870.
"Observations on Injuries of the Head." In: *Transylvania Journal of Medicine*, Vol. I. Lexington, KY: Joseph G. Norwood, 1828.
8vo (207 x 130 mm). Modern mottled calf, morocco gilt lettering piece on spine. Spine sunned, title page re-mounted to stub, some dampstaining from upper edge, scattered spotting and foxing.

Dudley was trained at the University of Pennsylvania, as well as in London and Paris. He was professor of medicine at Transylvania University in Kentucky from 1817 to 1850, training many future physicians who would form an essential part of the medical corps of the Confederate Army. Dudley was renowned for his focus on meticulous preparation and scrupulous hygiene in surgery.

$800 - 1,200


THE TRANSYLVANIA
JOURNAL OF MEDICINE,
AND THE ASSOCIATE SCIENCES
VOL. I. FEBRUARY, 1828. NO. I.
ORIGINAL COMMUNICATIONS.
38

39

40

39
EUSTACHIUS, BARTOLOMAEUS. c.1500-1574.
Tabulae anatomicae. Rome: Francesco Gonzaga, 1714.
Folio (358 x 250 mm). Engraved vignette on title page, 47 engraved anatomical plates, graduated scale plate tipped in after front matter. Contemporary vellum, spine with 6 raised bands, inked titles on spine. Recased, with repairs to joints, light soiling to vellum, restorations to some page edges and corners, scattered spotting and browning. *Provenance*: Sheffield General Infirmary Library (bookplate).

FIRST EDITION. The 47 plates here were prepared in 1552 to illustrate a book by Eustachius, *De dissensionibus ac controversiis anatomicis*, which was never realized. Early in the 18th century the plates were discovered in the Vatican Library and Giovanni Maria Lancisi, physican to Pope Clement XI, authored the text notes for this first published version of the work. "Had Eustachi's full series of anatomical copperplates been published at the time of their completion in 1552, Eustachi would have ranked with Vesalius as a founder of modern anatomy" (Norman). "Eustachio's plates are remarkable not only for the advanced anatomical knowledge shown, but also for the original method of identification of structures drawn on the plates, and for their artistic qualities" (*Heirs*). Brunet V:1068; Durling 4532; Garrison-Morton-Norman 391; *Heirs of Hippocrates* 324; Mortimer/Harvard Italian 513; Norman 740.

$3,000 - 4,000

40
FABRICIUS VON HILDEN, WILHELM. 1560-1634.
De combustionibus, quae oleo et aqua fervida, ferro candente, pulvere tormentario, fulmine, & quavis alia materia ignita fiunt libellus. Basel: Ludovicus Rex, 1607.
BOUND WITH: *Observationum & curationum chirurgicarum centuriae*. Basel: Ludovicus Rex, 1606.
BOUND WITH: *Observationum & curationum chirurgicarum centuria tertia*. Oppenheim: Hieronymus Galler, 1614.
BOUND WITH: PONS, JACOBO. *De nimis licentiosa ac liberaliore intempestiuaque sanguinis missione....* Lyon: Paul Frellon and Abraham Cloquimin, 1594.
8vo (164 x 96 mm). Printer's devices on all four title-pages, first work with woodcut initials, head- and tailpieces, woodcut portrait of Fabry, and woodcut diagrams; second and third works with woodcut portraits of Fabry in each, woodcut head- and tailpieces, woodcut and engraved illustrations in text. Contemporary vellum, ink titles on spine. Covers worn and soiled, lacking ties, worming to parts of binding and page edges, dampstaining to first work, scattered staining, foxing and browning throughout.

FIRST EDITION of the of the first treatise written about the treatment of burns, bound together with three of the six important collections of case histories produced by the author between 1606 and 1641, and an earlier medical text by Jacobo Pons. Garrison-Morton-Norman 2245 and 5570; Krivatsky 3850 (first work).

$3,000 - 4,000

41

42

41
FABRICIUS VON HILDEN, WILHELM. 1560-1634.
Opera quae extant omnia, partim ante hac excusa, partim nunc recens in lucem edita. Frankfurt: J. Beyer, 1646.
Folio (337 x 205 mm). Additional engraved title, engravings and woodcuts throughout. Modern calf antique, gilt-lettered red leather spine label. Engraved title repaired and gutter margin restored, browning and some light foxing, occasional brief worm trails in margins, spine sunned, stray marks to upper cover.
Provenance: Boston Medical Library (stamp to first page).

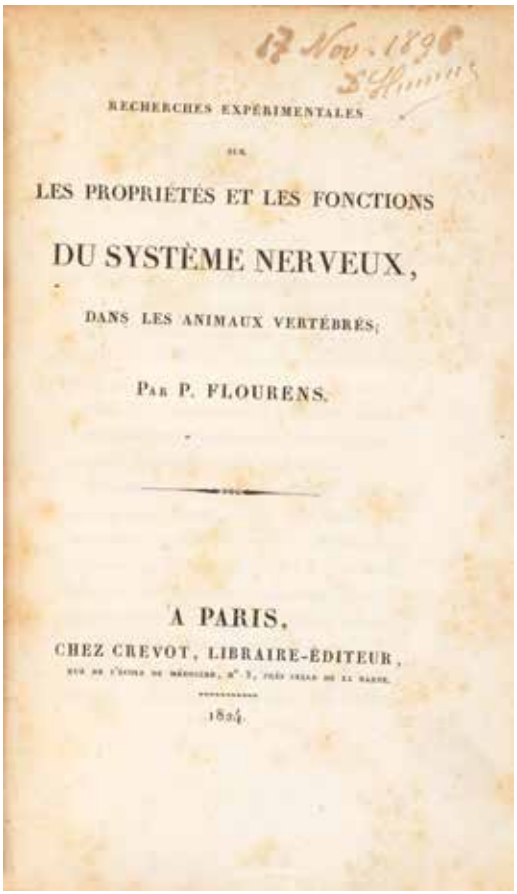
FIRST COLLECTED EDITION, which includes his separate monographs on a number of medical topics, including dysentery, gangrene, congenital malformations, skull fractures and other topics. Often called "the father of German surgery," Fabricius authored some 20 medical books. Garrison-Morton-Norman 60.1; Krivatsy 3842; Waller 2908; Wellcome III, 4.

$3,000 - 5,000

42
FALLOPIUS, GABRIEL. 1523-1562.
Opuscula tria. I. Tractatus de vulneribus. II. Expositio in lib. Hipp. de vulneribus capitis. III. Tractatus de vulneribus oculorum, aliarumque partium corporis. Quibus accessere indices duo: prior capitularum, altero rerum & verborum maxime insignium. Venice: Paulum Meietum et fratrem, 1569.
4to (207 x 148 mm). 3 parts in one, 3 titles with woodcut printer's device, woodcut headpieces and initials. Contemporary limp vellum. Some light staining. Some minor staining.

FIRST EDITION. Very rare and important book on wound surgery by the great anatomist and follower of Vesalius, known today as the discoverer of the Fallopian tubes and many other anatomical structures. Of great interest is the third treatise, on wounds of the eye, probably the first on the subject. The tract on head wounds is unknown to subsequent commentators. Adams F-136; Durling 1429.

$1,000 - 1,500


RECHERCHES EXPÉRIMENTALES

SUR

LES PROPRIÉTÉS ET LES FONCTIONS

DU SYSTÈME NERVEUX,

DANS LES ANIMAUX VERTÉBRÉS;

PAR P. FLOURENS.

A PARIS,

CHEZ CREVOT, LIBRAIRE-ÉDITEUR,

1824.

43

OBSERVATIONVM

ET CVRATIONVM

MEDICINALIVM

LIBRI TRES:

Nempe OCTAVVS De exterioribus vitiis & morbis cutaneis Capitis: NONVS De variis Capitis doloribus: DECIMVS De vniuerſis ac cerebri & meningum eiuſdem Symptomatis ac morbis.

In quibus eorum cauſſæ, ſigna, prognoſes, curatio graphicè depinguntur.

Etiam adiectis SCHOLIIS,

Cum rerum & locorum inſignium pleniſſimo INDICE:

D. PETRO FORESTO *Alcmariano, Reip. Delfenſis Medico, Auctore.*

LVGDVNI BATAVORVM,

EX OFFICINA PLANTINIANA,

Apud Franciſcum Raphelengium,

cIↃ. IↃ. XC.

44

43

FLOURENS, MARIE JEAN PIERRE. 1794-1867.

Recherches physiques sur les proprietes et les fonctions du systeme nerveux dans les animaux vertebres. [Paris:] Migneret; [1823]. *FIRST EDITION, OFFPRINT*, of the first of several papers by Flourens on the function of the parts of the brain. Norman 803 (this copy).

BOUND WITH: *Note sur la delimitation de l'effet croise dans le systeme nerveux.* Offprint from *Archives generales de Medecine* [PARIS: Balliere, 1823]. 6 pages, with 32-page publisher's catalog bound in at end. *FIRST EDITION, PROOF COPY* of the offprint issue, with marginal corrections and notes by Flourens on the first page, referring to a separate sheet of corrections to follow. Norman 802.

BOUND WITH: *Recherches experimentales sur les proprietes et les fonctions du systeme nerveux, dans les animaux vertebres.* Paris: Lachevardiere for Crevot, 1824. Half-title. *FIRST EDITION*, consisting of a collection of readings made by Flourens to the Academy of Sciences in 1822 and 1823. Garrison Morton 1493; *Heirs of Hippocrates* 1513 and 1514; Norman 804; Wellcome III, 34.

BOUND WITH: *Experiences sur le systeme nerveux ... faisant suite aux Recherches experimentales*. Paris: Lachevardiere for Crevot, 1825. Half-title. *FIRST EDITION*, containing three memoirs read to the Academie des Sciences in December 1824. See Norman 807.

4 works bound in 1. 8vo (211 x 133 mm). Contemporary plain boards, red morocco lettering piece on spine. Rubbed and soiled, with chipping to corners and spine edges, marginal tear to one leaf, scattered foxing and browning.

Provenance: Haskell F. Norman Library of Science and Medicine (bookplate; his sale, Christie's, October 29, 1998, lot 1077). Garrison-Morton-Norman 1391 and 1493.

"Flourens' distinguished scientific career began in 1822 with Cuvier's presentation to the Academy of Sciences of the first in a series of his reports on the nervous system ... These reports are a landmark in the history of the physiology of the nervous system" (DSB). This collection of papers contains many of his most important works, including his famous experiments on pigeons in which he removed portions of their brains to observe the effects on their cognitive and motor functions. They also describe experiments on the brains of fish, scarring and regeneration in brain tissues, and the causes of hearing loss.

$2,000 - 3,000

44

FORESTUS, PETRUS (PIETER VAN FORREST). 1521-1597.

Observationum et curationum medicinalium libri tres. Leiden: Plantin Press/Franciscus Raphelengius, 1590.

3 parts in 1 volume. 8vo (158 x 103 mm).

Later (but old) vellum, yap edges, remnants of yellow cloth ties. Covers somewhat soiled, ink ownership markings, some underlining and marginalia, worming to lower margin of first few leaves, minor browning and spotting.

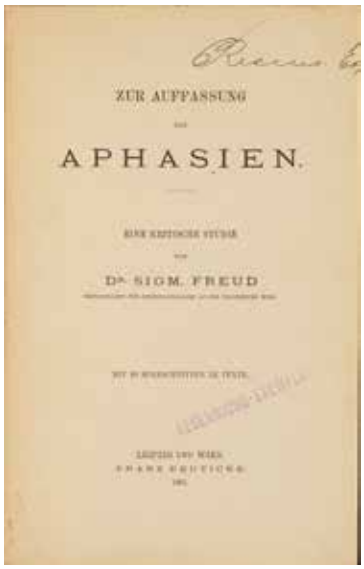
FIRST EDITION of this set of case studies on wounds and illnesses of the head and the brain. Book 10 contains a "consilia" by Vesalius, one of nine known to have been written. Dutch physician Petrus van Forrest (often known by his Latin name Petrus Forestus) was one of the prominent physicians of his era. He often consulted to the Dutch royal family, and conducted the autopsy on Prince William of Orange in 1584. Adams F-765; Durling 1612; *Heirs of Hippocrates* 328; Wellcome I, 2360.

$800 - 1,200

45
FREUD, SIGMUND. 1856-1939.
Zur Auffassung der Aphasien. Leipzig & Vienna: Franz Deuticke, 1891.
8vo. Woodcut illustrations in text. Contemporary half cloth, spine gilt lettered. Some rubbing. A few pencil marginalia in early hand, cloth folding case.
Provenance: Review copy ("Recensions-Exemplar") stamped on front cover.

FIRST EDITION of Freud's first and probably rarest book.
"Freud's treatise on aphasia ... was little known or appreciated by contemporary neurologists but Freud always regarded it as the most significant of his neurological writings ... Departing from the mechanical views of the Helmholtz school, Freud approached the development of speech and reading from a psychological standpoint ... Freud dedicated this book to his older colleague and mentor, Joseph Breuer, with 'friendly admiration,' but was disappointed in Breuer's seeming disdain of this gesture" (Norman). Of the 850 copies printed, only 257 were sold over nine years and the remainder of the edition was pulped. Garrison-Morton-Norman 4627.1; Norman F15.

$1,500 - 2,500



45

46
FREUD, SIGMUND. 1856-1939.
Klinische Studie über die halbseitige Cerebrallähmung der Kinder.
Vienna: Moritz Perles, 1891.
8vo. 8 folding tables. 20th century half calf. Some light darkening to edges.

FIRST EDITION of this comprehensive study, a collaboration with the pediatrician Oscar Rie, of unilateral paralysis in children. Norman F14.

$800 - 1,200

46

47
FREUD, SIGMUND. 1856-1939.
Zur Kenntniss der Cerebralen Diplegien des Kindesalters, (Im Anschluss Andie Little'sche Krankheit). Leipzig & Vienna: Deuticke, 1893.
8vo. 2 large folding plates. Original orange printed wrappers, uncut, rebacked with cloth tape. Chipping to edges.
Provenance: Vienna, "K.u.K. Militaer-aerztliche Bibliothek" (ink stamp on title); Vienna, "Institut fuer Geschichte der Medizin" (ink stamp in a few plates).

FIRST EDITION of Freud's contribution to the knowledge of cerebral diplegias in childhood, in connection with Little's disease, published as No III, of *Beitraege zur Kinderheilkunde* new series. "A companion to Freud and Pie's clinical study of the unilateral paralyses of children, completing Freud's investigation of all forms of childhood paralysis ... Freud showed that each of these four groups of afflictions could be caused either by congenital factors, factors active during birth, or factors subsequently acquired" (Norman F 23).

$800 - 1,200

47

48

49

50

48
GABUCCINI, GIROLAMO.
De Comitali Morbo Libri III. Venice: Aldus, 1561.
4to (195 x 140 mm). Printer's device on title and verso of final leaf. Early 19th century quarter sheep and marbled boards. Upper board cracked through with crude repair, upper joint cracked, chip to edge of upper board, rubbed, scattered staining, spotting and browning.

FIRST EDITION of the first published treatise on epilepsy, which Gabuccini demonstrated had natural causes despite prevailing superstition and fear. Durling 1740; Renouard, p 182.

$800 - 1,200

49
GALE, THOMAS. C.1507-1586.
Certaine Workes of Chirurgerie, newly compiled and published.
London: Rouland Hall (for the author), 1563.
8vo (160 x 107 mm). Woodcut general title (repeated in part 3), 4 divisional title pages, 4 woodcut portraits of the author, 10 other full-page woodcuts in text, 5 folding tables. 20th century blind-ruled calf, gilt titles on spine. Lacking blanks K8 in part 1 and H8 in part 2; first and last leaves repaired at gutter, third folding plate (tumors) separating at folds, with some old repairs on verso, dampstaining to outside lower corner.

FIRST EDITION of this rare compilation of the works of Gale, a military surgeon who served in the army of King Henry VIII. Its four separate treatises include *The Institution of Chirurgerie* which contains answers to questions posed by a student of surgery; *The Enchiridion of Surgery* which is a general surgical manual; A treatise on gunshot wounds, in which Gale demonstrates that gunpowder wounds did not contain poison, as was commonly thought at the time; and a fourth part that was a collection of prescriptions. He produced a second volume in 1566 containing English translations of Galen. Garrison-Morton-Norman 2371; Wellcome I, 2504; STC 11529.

$4,000 - 6,000

50
GELMAN, GEORG. ACTIVE 1640.
Tripartita; das ist Dreyfache chyrurgische Blumen in welchen zu Finden Erstlich die anatomische Beschreibung dess Haupts sampt dessen Schaden sunden und cur. Frankfurt: Johann Kempffer for Thomas Matthias Götz, 1652.
4to (189 x 160 mm). 37 engraved plates. Contemporary vellum. Stains to covers, dampstaining to top margins, a few scattered ink marks, ownership signatures on title and front free endpaper, scattered browning.

FIRST EDITION. This book was a general medical text for laymen, covering anatomy, surgery and pharmaceuticals, and describing various wounds and ailments in simple, often stark language. Krivatsy 4644; Wellcome II, 101.

$800 - 1,200

¶ Diß iſt das ander in-
ſtrument / vnd dz dienet
mer oben vff das haubt /
dañ ſunſt darneben / oder
hindenã . dorumb das es
nit breyte gleych hatt als
das nechſt inſtrumẽt hye
vor verzeichnet. Vnd die-
net auch wann die hirn-
ſchal jngeſchlagen iſt / dz
dz man ſye mit diſſem in-
ſtrument wid vff ſchrub.

¶ Wider das wüten des hirns.

51

GERSDORFF, HANS VON. 1455-1529.

Feldtbuch der wundartzney. Strassburg: J. Schott, 1517.

Folio (262 x 192 mm). 42 lines plus headline, double column, Gothic type. Full-page woodcut illustration on title, two folding plates 27 woodcut illustrations in text (21 full-page and 6 in text) attributed to Hans Wechtlin, white on black ornamental woodcut initials. Modern blindstamped pigskin over wooden boards by Middleton. Some light browning and staining, one folding plate laid down the other backed along fold with repaired corner, a few tears some minor loss to text. *Provenance*: Deutsche Huette? Buecherei (faded blindstamp on verso of title).

FIRST EDITION of one of the most important early illustrated surgical works, the first book to illustrate an amputation. Gersdorff was a military surgeon who had gained wide experience during the course of four years of campaigning and was an expert in the care and treatment of battlefield injuries. The woodcuts depict surgical operations and instruments, trephination scenes, an amputation and other subjects. The practical nature of Gersdorff's work and its fine illustrations caused the book to be very popular and it was frequently referred to, probably the reason why it is very rare in any edition. VERY RARE: only one incomplete copy of the first edition is recorded in Rare Book Hub. Garrison-Morton-Norman 5560; OCLC 14314097 (MDZ 1517 edition); Schmidt, Schott 132; Muther 1387.

$40,000 - 60,000

CHIRVRGIA.

DE CHIRVRGIA SCRI-
PTORES OPTIMI QVIQVE VETERES
ET RECENTIORES, PLERIQVE IN GERMANIA
ANTEHAC NON EDITI, NVNC PRIMVM IN
VNVM CONVNCTI VOLVMEN.

SINGVLI QVI HOC VOLVMINE CONTINEN-
tur Authores cum suis scriptis, sequente mox
pagina enumerantur.

Cum gratia & priuilegio S. Cæsareæ Maie
statis, & Regis Romanorum.

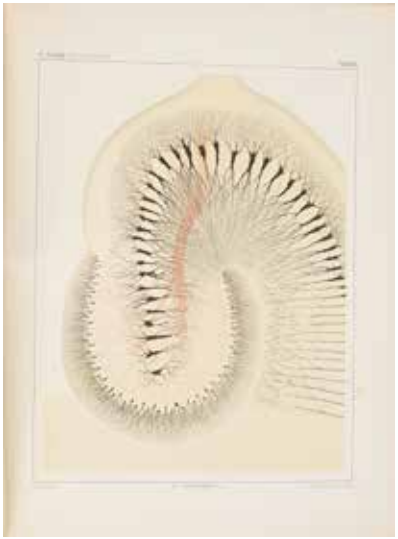
TIGVRI
PER ANDREAM GESNERVM F. ET IACOBVM GESS.
NERVM FRATRES, MENSE MARTIO
ANNO SALVTIS HVMANAE
M. D. LV.

Hieronymus Prims D. Emi Anno dni 1558.
emit hunc librum 30 Martij pro duobus taleris. Ambr Prechtle Med.
a vidua Prechtelij Doctor
Ambergae ao [illegible]

52
GESNER, CONRAD. 1516-1565.
Chirurgia. De Chirurgia Scriptores Optimi Quinque Veteres et Recentores Plerique in Germania Antehac non Editi.... Zurich: Andreas Gessner and Hans Jakob Gessner: 1555.
Folio (320 x 210 mm). Woodcut printer's device on title and last leaf, approximately 250 woodcut illustrations in text, woodcut initials. Contemporary blind-stamped pigskin over wooden boards, two brass clasps. Some light browning and staining, minor marginal worming at end.
Provenance: Ambrosius Prechtle "Medicinae Doctor, 1558, Vive ut vivas" and "Emi Anno domini 1558, 30 Martij pro duobus taleris. Ambr Prechtle Med. Doctor" (ownership inscription on front paste-down and title-page); "Hieronymus Prims D. emit hunc librum a vidua Prechtelii Ambergae ano [15]74" (ownership inscription on title page); illegible ink stamp on title.

FIRST EDITION. Gesner, Renaissance polymath, edited, compiled, and contributed a work of his own to this extensive collection of surgical works by Biondo, Bolognini, Dondi, Ferri, Galen, Houllier, Langius, Maggi, Santo, Oribasius, and Tagault, among others. "The list of surgical writers and their works which Gesner appended to this book is one of the earliest bibliographies of surgery" (GM). Adams G520; Durling 960; Garrison-Morton-Norman 5562; *Heirs of Hippocrates* 309; Wellcome I, 1460.

$6,000 - 9,000



53

53
GOLGI, CAMILLO. 1843-1926.
Untersuchungen über den feineren Bau des centralen und peripherischen Nervensystems.... Jena: Gustav Fischer, 1894.
Folio (344 x 262 mm). 30 lithographic plates, some with color, illustrations in text. Contemporary quarter calf and marbled boards. Rubbed, corners bumped, spine sunned, library stamps to several leaves, light toning and a few stray fingermarks.
Provenance: Boston Medical Library (bookplate and stamps).

First German edition, translated from the Italian by R. Teuscher. It was first published in Milan in 1885, demonstrating Golgi's discoveries regarding the histology of the nervous system. The author shared the 1906 Nobel Prize for Medicine with Santiago Ramón y Cajal. Garrison-Morton-Norman 1416.

$1,000 - 1,500

54

54
GUILLEMEAU, JACQUES. 1550-1613.
Les oeuvres de chirurgie. Paris: Nicolas du Louvain Marchant, 1598.
2 parts in one volume. Folio (300 x 200 mm). 2 engraved title pages (for each part), 32 full-page engraved illustrations in text, folding table. Modern brown calf antique, spine with 5 raised bands. Lightly rubbed, first title page reinforced at gutter, margins somewhat closely trimmed (but without loss of text), staining through numerous leaves at back, scattered spotting.

FIRST EDITION of this collection of the works of Guillemeau, student of Ambroise Paré and surgeon to three Kings of France. Guillemeau's specialty was ophthalmology: his *Traité des maladies de l'œil*, first published in 1585 and included in this compendium, was the first work dedicated to that specialty. Adams G1563; Waller 3853; see also Garrison-Morton-Norman 5818.

$1,000 - 1,500

55

55
GUTHRIE, GEORGE JAMES. 1785-1856.
On Injuries of the Head Affecting the Brain. London: John Churchill, 1842.
4to (296 x 228 mm). Original boards, rebacked preserving original spine pieces including printed paper label. Faint foxing to preliminary leaves, hinges reinforced, boards rubbed.
Provenance: presentation copy inscribed on title page ("with the Authors best compliments"); Charing Cross Hospital Medical School (bookplate and stamps including deaccession stamp; shelf number penned to title).

FIRST EDITION, PRESENTATION COPY. Guthrie put together this work from a series of lectures he delivered to the Royal College of Surgeons, drawing on his experience as a military surgeon during the Napoleonic Wars, from 1808 to 1815. One of the most renowned military surgeons of his day, he provides frank descriptions of combat head injuries, their treatment, and their outcome.

$1,000 - 1,500

56
GUY DE CHAULIAC. 1300-1368.
FALCON, JEAN. 1491-1541. *Le Guidon en françoys nouvellement imprime.* Paris: [Jean Petit], 1537.
Small folio (250 x 165 mm). Text in French, title page in red and black with woodcut historiated border, full-page woodcut on verso of title, blackletter type, woodcut initials, numerous woodcut illustrations in text. Rebacked retaining contemporary vellum, spine with 6 raised bands, later morocco gilt lettering pieces on spine. Repairs to covers, heavy wear and soiling, early leaves including title re-margined at gutters, ink notations and library stamp (illegible) on title, margins trimmed, affecting text in some places, lacking quires Y and Z (12 leaves), dampstaining and browning.

Spanish physician Jean Falcon built his literary legacy by writing commentaries on earlier medical authors. One of his most important achievements was his update of De Chauliac's *Chirurgia Magna*, with Falcon's notes and additional contributions by Symphorien Champier and Antoine Romery. The first edition of the *Guidon* was published in Lyon in 1515, to be followed by numerous editions, growing from 230 pages to 1,000 pages in the last edition of 1649. See Brunet I, 1687; Durling 2241; Graesse II, 89 (all for other editions).

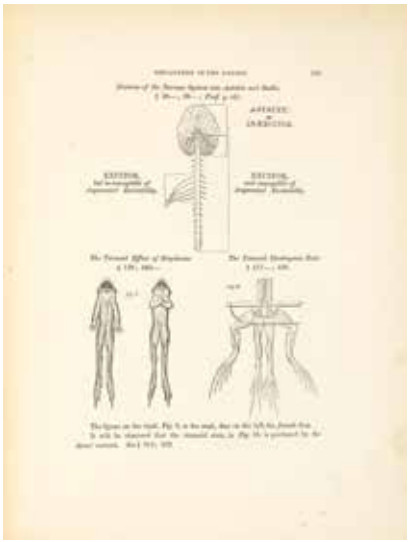
$800 - 1,200

56

57
HALL, MARSHALL. 1790-1857.
[Croonian Lectures 1850, 1851, 1852]. London: Joseph Mallet, 1850-1852.
3 volumes bound in 1. Large 4to (285 x 223 mm). 3 title pages with engraved vignettes, folding letterpress table, illustrations in text. Contemporary blind-stamped green cloth, titled on spine. Covers rubbed and sunned, spine chipped at upper end, library label on spine, library stamps on first title page, scattered foxing.
Provenance: Collège de France (stamp on title page).

Marshall's Croonian Lectures for the years 1850, 1851 and 1852: "Synopsis of the Diastolic Nervous System," "Synopsis of Cerebral and Spinal Seizures," and "Synopsis of Apoplexy and Epilepsy." Garrison-Morton-Norman 4812.

$1,000 - 1,500

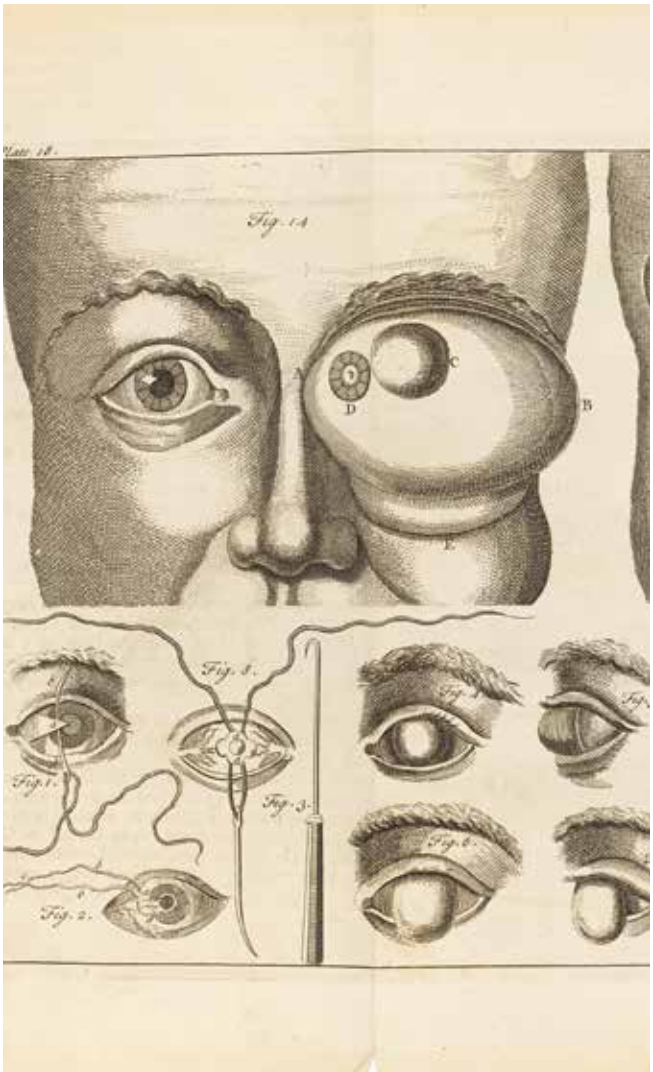

57

58
HEISTER, LORENZ. 1683-1758.
Chirurgie, in welcher alles, was zur Wund-Artzney.... Nuremburg: Johann Hoffmann, 1719.
4to (200 x 165 mm). Title page in red and black, engraved frontispiece and 22 engraved folding plates. Contemporary vellum, painted on upper cover with Prussian Imperial Eagle and "*K.M. 1877*" (Kaiserliche Marine?). Heavily rubbed, frontispiece loose, minor staining, a few pencil and pen annotations, black lacquer on lower cover (as used in markings on upper cover), browning and spotting.

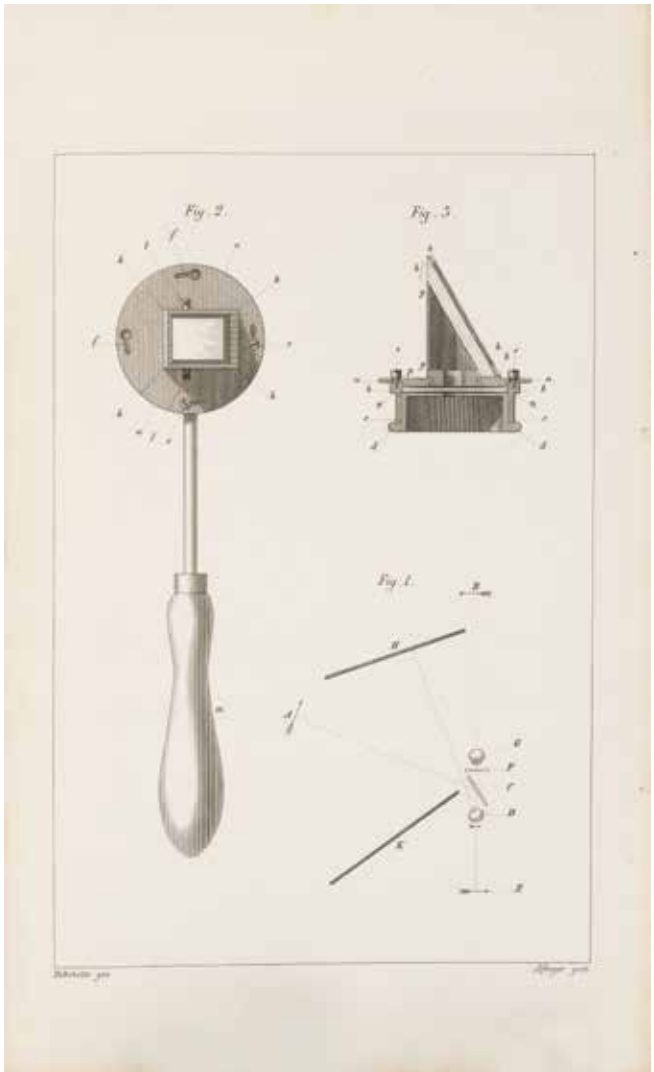
FIRST EDITION of one of the most utilized surgical manuals of the 18th century, by the father of German surgery. Blake p 203; Garrison-Morton-Norman 5576; Waller 4236.

$800 - 1,200

D. LAVRENTII Heisters/
Anatom. Chirurg. ac Theor. Prof. Publ.
CHIRURGIE,
In welcher Alles/
Wund-Artzney
gehöret/
Nach der neuesten und besten Art/
gründlich abgehandelt/
In vielen Kupffer-Tafeln die neuerfun-
dene und dienlichste
Instrumenten,
Nebst den bequemsten Handgriffen der Chirurgischen
Operationen und Bandagen
Nürnberg/ bey Johann Hoffmanns sel. Erben,
Im Jahr MDCCXIX.
58



59 (detail)



60

59
HEISTER, LORENZ. 1683-1758.
A General System of Surgery in three parts. Containing the Doctrine and Management of Wounds, Fractures, Luxations, Tumours, and Ulcers of all Kinds.... London: W. Innys, J. Clark, and J. Whiston, 1743.
2 volumes in 1. 4to (250 x 201 mm). 38 folding engraved plates. Modern half calf and marbled boards to style. Library stamps on title, some dampstaining, several leaves creased at lower outside corner, browning and spotting.
Provenance: Charing Cross Hospital Library (stamps on title).

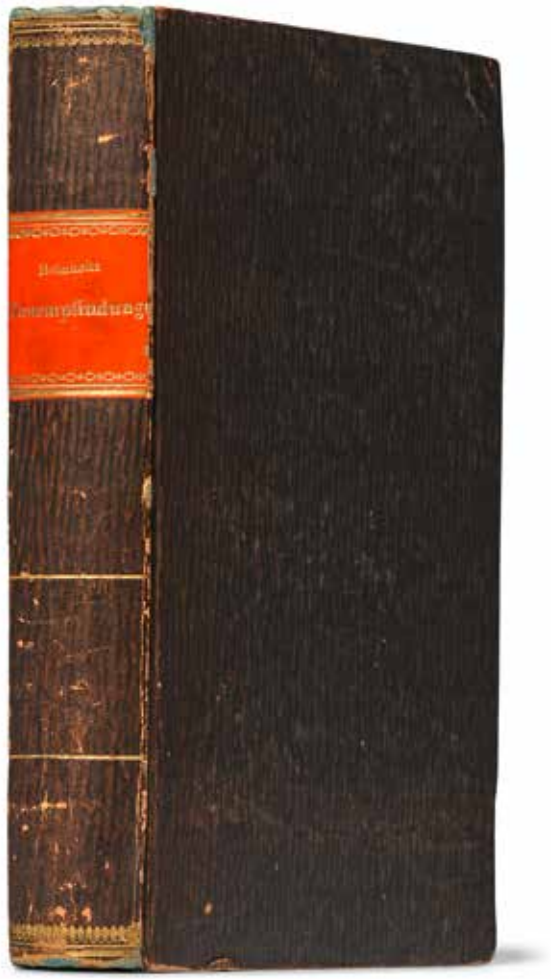
FIRST ENGLISH EDITION of Heister's work, translated from Heister's 1718 German edition. Heister studied in Germany and the Netherlands and taught anatomy and surgery at the universities at Altdorf and Helmstedt. His vast knowledge of surgery made his book a standard surgical text for the better part of a century. Garrison-Morton-Norman 5576 (for 1718 German edition); *Heirs of Hippocrates* 797. Wellcome III, 237.

$800 - 1,200

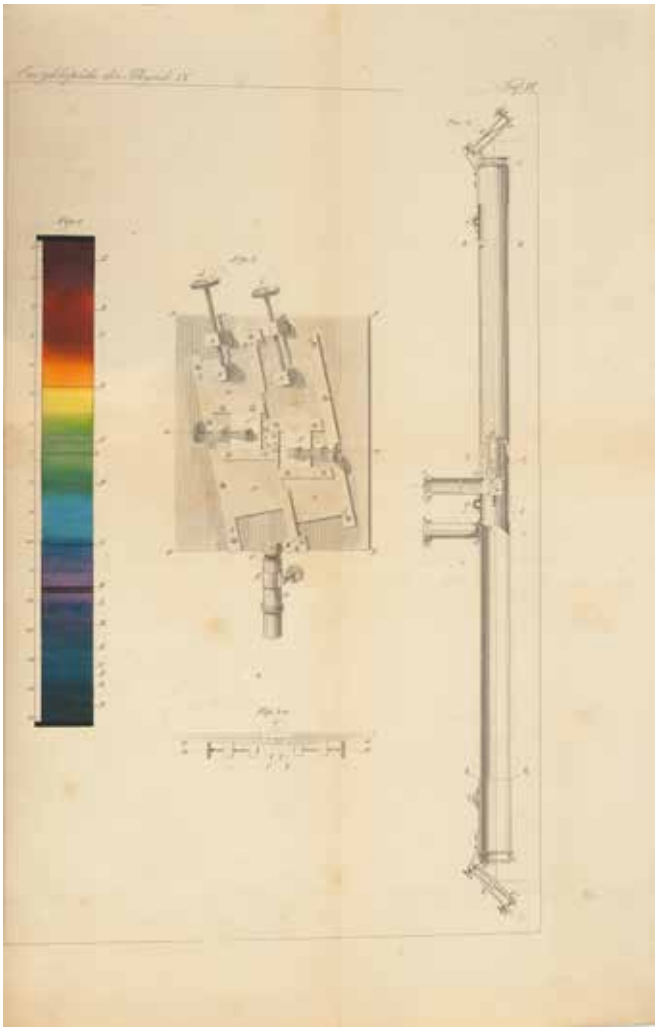
60
HELMHOLTZ, HERMANN VON. 1821-1894.
Beschreibung eines Augen-Spiegels zur Untersuchung der Netzhaut im lebenden Auge. Berlin: A Ferstner, 1851.
8vo (222 x 138 mm). One engraved plate at back. Publisher's printed yellow wrappers, edges uncut, custom red cloth chemise. Some small stains to wrappers, joints starting on front wrapper with small chip to bottom corner, scattered spotting, joints of chemise fraying.

FIRST EDITION, describing Helmholtz's invention, the ophthalmoscope, one of the most important clinical tools in medicine. The invention also stimulated the development of specialization in surgery and medicine. Garrison-Morton-Norman 5866; *Heirs of Hippocrates* 1886; Norman 1041.

$3,000 - 5,000



61



62

61
HELMHOLTZ, HERMANN VON. 1821-1894.
Die Lehre von den Tonempfindungen als physiologische Grundlage für die Theorie der Musik. Braunschweig: Friedrich Vieweg & Sohn, 1863. 8vo (214 x 138 mm). Numerous wood-engraved illustrations in text. Contemporary patterned boards, red morocco lettering piece on spine, stamped in gilt. Rubbed, slight chipping around spine edges, fingermarks and scattered browning.
Provenance: Richard Dedekind (German mathematician, 1831-1916, presentation inscription of publisher).

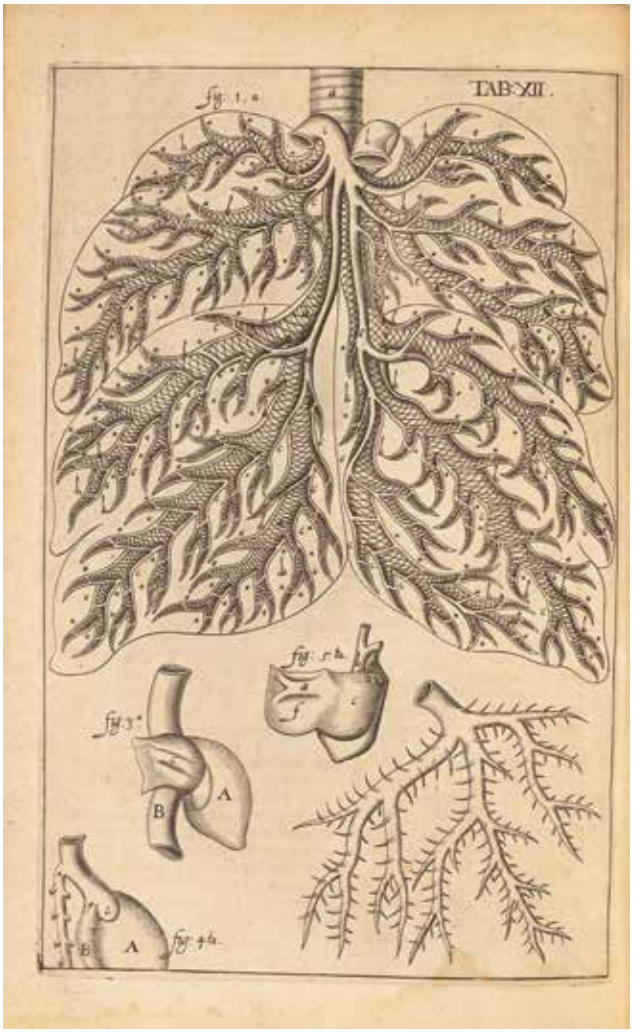
FIRST EDITION, PUBLISHER'S PRESENTATION COPY, inscribed on the front free endpaper "*R. Dedekind - vom Verleger*." Helmholtz's most important work on acoustics, which introduces his place resonance theory of hearing. "This exhaustive study of acoustics ranks as one of the greatest books on the subject and shows that Helmholtz was, besides being a great physicist and physician, an accomplished musician" (GM). Garrison-Morton-Norman 1562; Grolier/Horblit 49a; Norman 1044.

$800 - 1,200

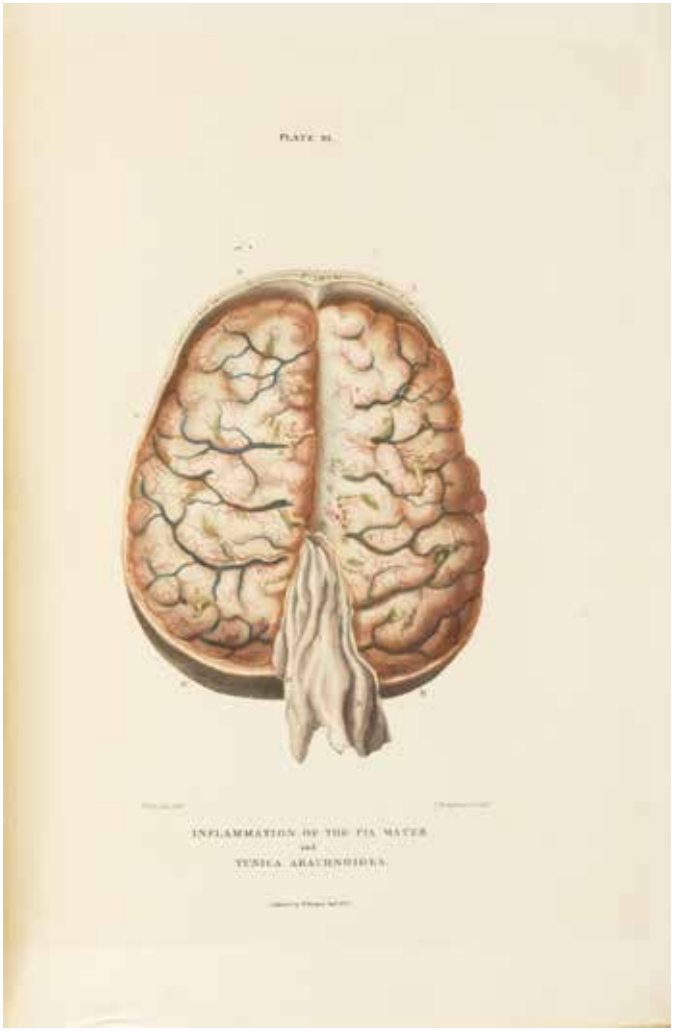
62
HELMHOLTZ, HERMANN VON. 1821-1894.
Handbuch der Physiologischen Optik. Leipzig: Leopold Voss, 1867. 2 volumes (text and atlas). 8vo (225 x 154 mm). Numerous wood-engraved illustrations in text, 11 plates in atlas (2 folding, 1 partially in color). 20th-century blue quarter morocco and cloth. Spines sunned, browning in places, scattered spotting.

FIRST EDITION of "the most important book on the physiology and physics of vision" (Grolier/Horblit), which "provided the first real description of optical physiology including the mechanism of accommodation, the phenomenon of color vision, and the measurement of lens curvature" (*Heirs*). Garrison-Morton-Norman 1513; Grolier/Horblit 49b; *Heirs of Hippocrates* 1887; Waller 4299; Norman 1046.

$800 - 1,200



63



64

63
HIGHMORE, NATHANIEL. 1613-1685.
Corporis humani disquisitio anatomica in qua sanguinis circulationem. The Hague: Samuel Broun, 1651.
Small folio (282 x 178 mm). Leaf of letterpress description bound at front, additional engraved pictorial title, one engraved plate (number XII), 18 engraved illustrations in text. Contemporary vellum, with later inked titles on spine. Some staining and soiling to covers, some browning and staining to page edges, especially to early leaves, leaf 2I3 re-margined at fore-edge.

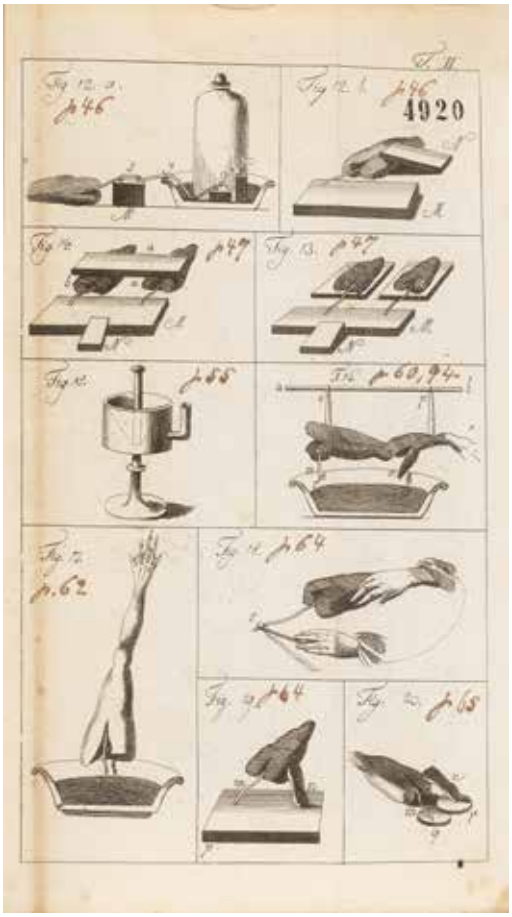
FIRST EDITION. Dedicated to William Harvey, the *Corpus humani disquisitio anatomica* was intended "to redesign physiology and anatomy in the direction of Harvey's theory of the circulation of the blood ... Agreeing with Harvey that the heart's sustaining relationship to the body was analogous to the sun in the wider macrocosm, Highmore explicitly defined the origin and function of circulation beyond Harvey's more circumspect treatment" (ODNB). "This was the first English work to accept Harvey's ideas on the circulation. The interesting engraved title compares the body allegorically to a garden" (GM). The illustrations of the heart and vascular system represent the first original interpretation of the cardiovascular system after Harvey's discovery. Highmore devotes the entire second part of his second book (pages 131-163) to the heart and circulation. Illustrations 13 and 14 depict the interior of the opened heart with the connections of the great vessels. Garrison-Morton-Norman 382; Krivatsy 5602; Norman 1071; Russell 416; Wellcome II, 263.

$4,000 - 6,000

64
HOOPER, ROBERT. 1773-1825.
The Morbid Anatomy of the Human Brain. London: Longman, Rees, Orme, Brown, and Green, 1828.
Folio (380 x 270 mm). 15 hand-colored aquatint plates. Rebacked quarter calf and original blue boards, printed paper label on upper cover. Soiling and chipping to covers, foxing throughout.

Revised second edition of a work "based on over 4000 autopsies performed over thirty years, illustrated with fine hand-colored plates" (Garrison-Morton-Norman 2284.1, first edition).

$3,000 - 4,000



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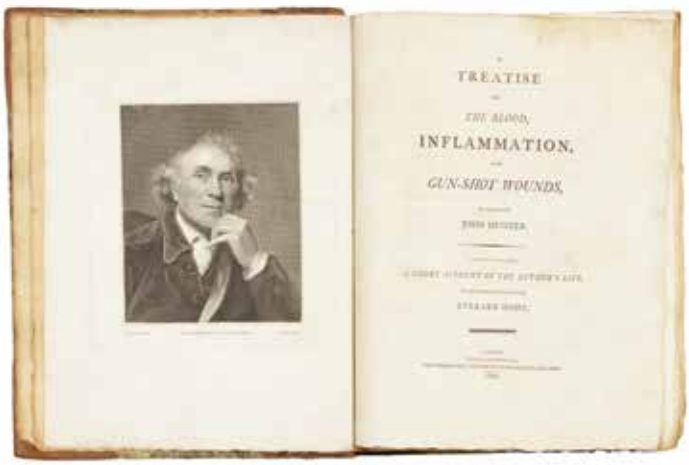


66

65
HUMBOLDT, FRIEDRICH ALEXANDER VON. 1769-1859.
Versuche uber die gerreizte muskel und nervenfaser.... Berlin and Posen: Decker and Rottman, 1797.
2 volumes. 8vo (198 x 125 mm). 8 engraved folding plates. 19th-century quarter cloth and marbled boards. Heavily rubbed, joints cracked through, library markings to spines and stamped numbers to endpapers, plates and title pages, old ink ownership markings to titles in both volumes, some staining and spotting.
Provenance: Dr. D. Gutzmann (19th century bookplate on front paste-down).

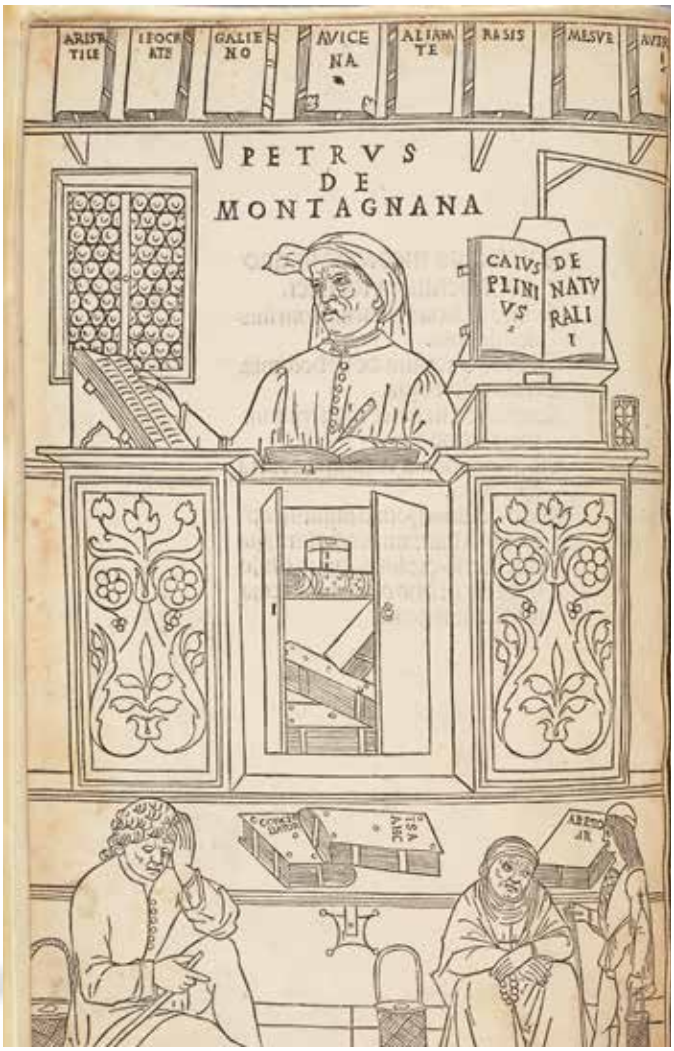
FIRST EDITION of Humboldt's first major publication, in which he attempts to define the "force" motivating living tissues. He performed over 4,000 experiments on animals and even on himself, and compiled his observations in this work. Cushing 4495; Waller 1085; Wellcome III, 814.

$800 - 1,200

66
HUNTER, JOHN. 1728-1793.
A Treatise on the Blood, Inflammation, and Gun-Shot Wounds.... London: John Richardson for George Nicol, 1794.
4to (282 x 215 mm). Engraved portrait frontispiece of the author after Joshua Reynolds, 9 engraved plates. Contemporary half calf over marbled boards, rebacked and with corners restored. Uncut, repaired closed tears to title edges, occasional foxing, some leaves toned, binding worn.
Provenance: Charles Singer, 1876-1960, British medical historian (signature on f.f.e.p.); George Fielding (signature on f.f.e.p.); Arthur Edward Lyons (bookplate).

FIRST EDITION. "Hunter's last work, published the year after his death, contained his studies of inflammation and of the management of gunshot wounds, both of which subjects had been imperfectly understood before his time. He recognized the process of inflammation as one of the most widespread phenomena in pathology, and classified it into three types: adhesive, in which adherence of contiguous parts caused localization of disease; suppurative, in which pus was formed; and ulcerative, in which tissue loss occurred through the action of the lymphatics. Hunter was ahead of his time in recognizing and describing the three basic factors of wound pathology ... Hunter's treatise was the last work to be issued from his private press at Castle Street; 992 copies of the first edition were printed. Hunter was in poor health when the work went to press, and died after correcting only a third of the proofs. The remainder of the work's publication was supervised by Matthew Baillie and Evard Home" (Norman). This treatise is of great significance in the history of cardiology and includes an important sections devoted to the vascular system as well. Garrison-Morton-Norman 2283; Norman 1122.

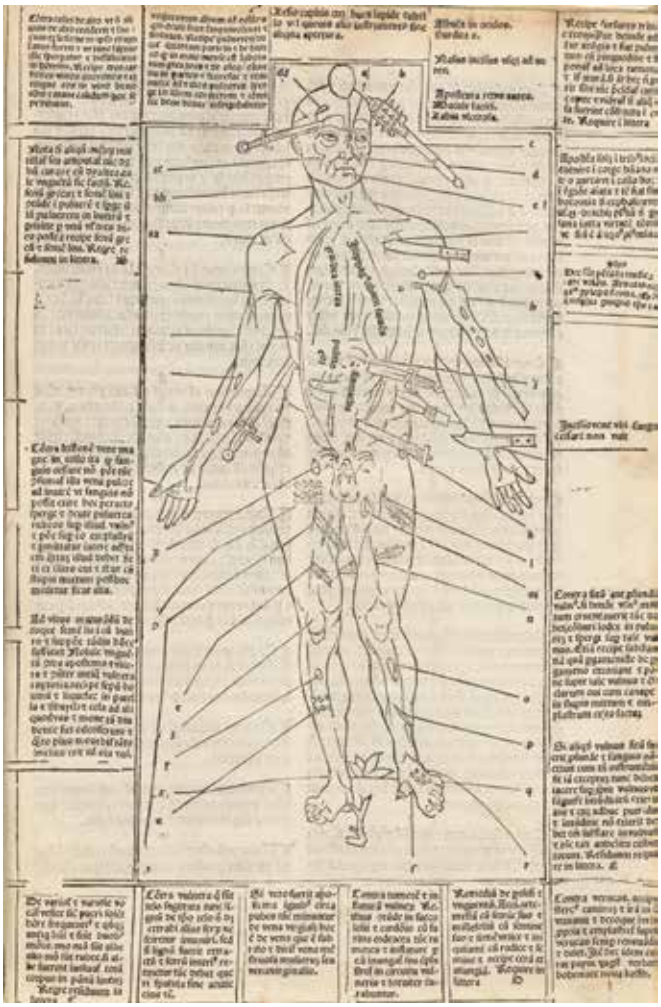
$1,500 - 2,500



67
KETHAM, JOHANNES DE. FL. 1490-1500.
Fasciculus medicinae. — Gonsilium pro peste evitanda. — Anatomia. Venice: Johannes and Gregorius de Gregorii, 15 October 1495. Small folio (290 x 200 mm). 40 leaves, roman letter, double columns, 10 full-page woodcut illustrations, woodcut initials throughout. Modern limp vellum, with silk ties, morocco folding case. A few plate margins trimmed affecting images or text of image slightly, four plates folded to fit size, some minor marginal staining and worming.
Provenance The Haskell F. Norman Library of Science and Medicine (his sale Christie's part 1, March 18, 1998, lot 119 since rebound).

SECOND LATIN EDITION OF ONE OF THE MOST BEAUTIFUL BOOKS OF THE FIFTEENTH CENTURY and the first book with anatomical illustrations, first published in 1491. "A collection of short medical treatises ... the great importance of this book is that it includes the first printed anatomic illustrations of any kind" (Garrison-Morton-Norman). The *Fasciculus medicinae* was "the first printed medical book to be illustrated with a series of realistic figures." The first six plates are of anatomical and medical interest, one shows a naked man, another a naked woman, with the belly open, showing the uterus, the first plate in the history of anatomical illustration to show an internal organ in the correct anatomical position. The last four plates are the most remarkable from the artistic point of view.

(continued)

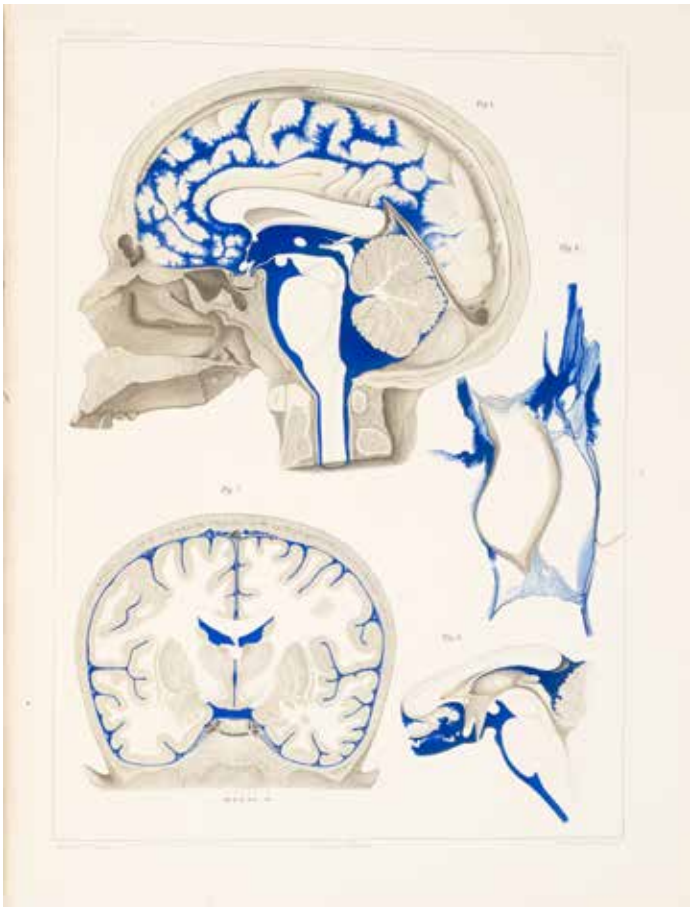


67

They represent various medical scenes, a plague patient, with attendants holding torches, having his pulse felt by a physician, a professor lecturing while an operator dissects a corpse, a physician examining urine, and a portrait of Petrus de Montagnana in his study with books. The woodcuts are evidently the work of a distinguished artist “of the first rank” (PMM), and have been attributed to Giovanni Bellini. “The designs [have] a dignity worthy of Mantegna. They are almost near enough in character to justify an attribution of the design to the master himself [but the] classic sense inspired by Mantegna suggests Mantegna’s brother-in-law, Gentile Bellini” (Hind, *History of the Woodcut* II, pp 495-6). BSB-Ink F-54; BMC V:347.IB 21101; Durling 2660; Essling 592; Garrison-Morton-Norman 363; GW M14179; HC 9775; See *Heirs of Hippocrates* 126 (1522 edition); See PMM 36; Sander 3753; Wellcome I, 3549.

BOUND WITH: SAVONAROLA, GIOVANNI MICHELE. 1385-1468. *De omnibus mundi balneis.* Venice: Cristophorus de Pensis, de Mandello, 20 November [1496].
Folio. 32 leaves, roman letter, double columns, spaces for initials, most with guide letters. Third edition, a treatise on baths and hot springs by the physician Giovanni Michele Savonarola. “Savonarola took a skeptical approach to the subject, relying on his own observations and rejecting the notion that baths owed their virtues to occult or supernatural properties. Included in his work is the first recorded instance of a clock being used to regulate an actual, purposive experiment — in this case, a comparison of the water temperatures of two Italian hot springs” (Norman). BMC VI 840; BSB-Ink S-179; GW M40697; Goff S-291; Norman 1896 (this copy).

$20,000 - 30,000



68

69

68
KEY, AXEL. 1832-1901; and GUSTAF RETZIUS. 1842-1919.
Studien in der Anatomie des Nervensystems und des Bindegewebes.
Stockholm: Samson & Wallin, P.A. Norstedt & Soner: 1875-76, 1903.
3 volumes. Folio (408 x 307 mm). 83 lithographed plates, some colored, some folding. Contemporary half brown morocco and cloth, titled in gilt on upper covers and spines. Slightly rubbed, light browning to endpapers, minor spotting.

RARE PRESENTATION COPY OF A COMPLETE SET, of this first and only edition, inscribed to Professor Dr. C. Arnstein and signed by both authors on the front free endpapers of volumes I and II. The third volume, which is omitted from most of the references, was published in 1903, after the death of Axel Key. Only 50 copies are believed to have been printed of the first two volumes, and only 25 copies of the supplemental third volume. Cushing K64; Garrison-Morton-Norman 1408.2; *Heirs of Hippocrates* 1974; Waller 5279.

WITH: RETZIUS, GUSTAF. *Das Menschenhirn. Studien in der makroskopischen Morphologie*. Stockolm: Konigliche Buchdruckerei / P.A.Nordstedt & Soner: 1896.
2 volumes. Folio (384 x 296 mm). Separate text and atlas volumes, 96 lithographic and collotype plates in atlas, illustrations in text. Publisher's half white morocco and blue printed boards, morocco lettering pieces on spine. Rubbed, some light chipping and scuffing to boards, ink gift inscription to flyleaf in text volume, minor toning and spotting.
First Edition. Garrison-Morton-Norman 1246; Norman 1825.

$2,000 - 3,000

69
KOCH, ROBERT. 1843-1910.
Untersuchungen ueber die Aetiologie der Wundinfectionskrankheiten.
Leipzig: F.C.W. Vogel, 1878.
8vo. 5 lithographed plates. Contemporary cloth backed boards, some rubbing to edges; cloth folding case.
Provenance: Leona Baumgartner (bookplate).

FIRST EDITION of "Koch's epochal work on the aetiology of traumatic infectious disease established his reputation. He inoculated animals with material from various sources and produced 6 types of infection, each due to microorganisms. He carried these infections through several generations of animals. His great work determined the role of bacteria in the aetiology of wound infections and demonstrated for the first time the specificity of infection" Garrison-Morton-Norman 2536; See DSB VII:420-435. PMM 366b.

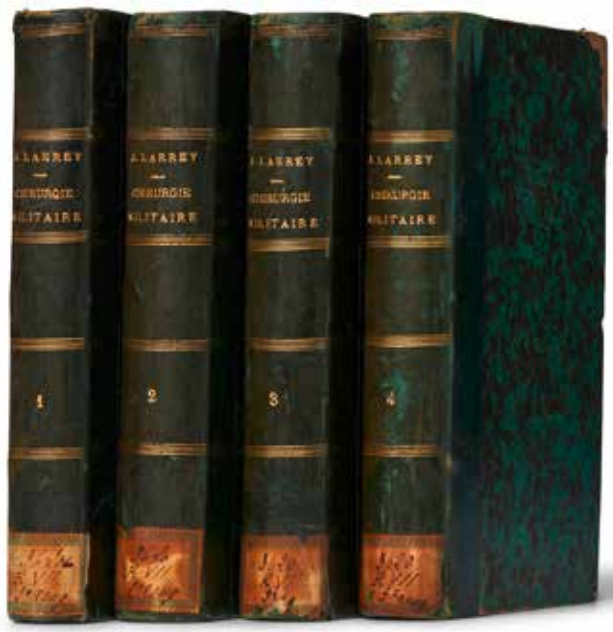
$800 - 1,200

Kleyne Wundartznei des hoch
berümbten Lanfranci/aus fürbit des wolerfarnen M.
Gregorij Flüguß/Chyrurgen vñ Wundartze zü Straß
burg/durch Othonem Brunfelß verteutscht.

Dabei viler bewerter Recepten/ Heylsamer salb-
en vnd Artzneien/ein Außzug/ bißher von obgenantem
M. Grego. für sich selbst in grossem werdt behalten/
jetz gemeynem nutz zü güt/ auch in truck geben.

Der latinschen wörter verteutschung sich am end.
Zü Straßburg. M. D. XXIX.

70



71

70
LANFRANCHI, GUIDO, OF MILAN. 1250-1306.
Kleyne Wundartznei, aus fürbit des wolerfarnen M. Gregorii Flüguß, durch Orthonem Brunfelß verteutscht. Strassburg: Christian Egenolph, 1529
4to (188 x 131 mm). Woodcut illustration on title by Hans Weiditz. Modern half vellum and marbled boards. A few small marginal paper repairs, small burn hole in D2, scattered spotting.

Second Egenolph edition, and fifth edition overall, edited and translated by Otto Brunfels. Lanfranc of Milan author of the "Chirurgia parva" was one of the most influential surgeons of the Middle Ages and considered to be the founder of French surgery. He studied surgery under William of Saliceto at Bologna, then relocated to France where he established a practice in Lyon and worked as a medical physician and surgical instructor in Paris. He was the first surgeon to describe cerebral concussion, and to distinguish between simple hypertrophy and cancer of the breast. His popular *Chirurgia parva* (c.1295) and *Chirurgia magna* (c.1296) were widely circulated during the following centuries and "are now credited with the transmission of aspects of Islamic and Italian medical practice and theory to northern Europe, in particular to France . . . Both works were translated into French, Spanish, Italian, German, English, Dutch and Hebrew . . . Indeed, the *Chirurgia parva* in particular was one of the texts that appealed to many European printers, being translated and printed several times throughout the fifteenth and sixteenth centuries" (Griffin). The present German translation of Lanfranc's work was made by Otto Brunfels (1488-1534), one of the "fathers of botany" along with Hieronymus Bock and Leonhart Fuchs. The woodcut on the title-page shows a soldier, bleeding from the head and chest, being held and washed by a physician while another soldier cuts the wounded man's hair in preparation for surgery. C. Griffin *Instructional Writing in English 1350-1650: Materiality and Meaning* (2019). Durling 2725; VD 16 L 250.

$2,000 - 3,000

71
NAPOLEONIC WARS.
LARREY, DOMINIQUE JEAN. 1766-1842. *Mémoires de chirurgie militaire, et campagnes.* Paris: 1812-1817.
4 volumes, 8vo (200 x 125 mm). 17 engraved plates (2 folding). Contemporary quarter green roan and marbled boards. Rubbed, some chipping and library labels to spines, volume 3 joints starting, 2 plates cropped to image edges, some dampstaining, scattered foxing. *Provenance*: Haskell F. Norman Library of Science and Medicine (bookplate; his sale, Christie's, June 15, 1998, lot 599); A. Gubler (ink stamps); Societe d'anthropologie (ink stamps).

FIRST EDITION, THE NORMAN COPY, with volumes 1 and 2 in a later issue with imprint of J. Smith, Paris. "Larrey was the greatest military surgeon in history ... he was present at all Napoleon's great battles [remaining loyal during and after his abdication] ... was one of the first to amputate at the hip-joint, the first to describe the therapeutic effect of maggots on wounds, gave the first description of 'trench foot' ... and devised several new operations" (Garrison-Morton-Norman 2160). Grolier *Medicine* 56; *Heirs of Hippocrates* 1212; Osler 3162; Wailer 5610; Wellcome III, 451; Norman 1280.

$800 - 1,200

72
LISTER, JOSEPH. 1827-1912.
"On a New Method of Treating Compound Fracture, Abscess, etc. With Observations on the Conditions of Suppuration." [IN] *The Lancet* 1867, volume 1, pp 326-29, 357-59, 387-89, 507-09, and volume 2, pp 95-96, London, 1867.
WITH: "On the Antiseptic Principle in the Practice of Surgery." In: *The Lancet*. 1867, volume 2, pp 353-56 and 668-69, London, 1867.
2 volumes. 4to. Contemporary olive cloth decorated in blind and titled in gilt on spine. Corners and spine ends bumped, somewhat rubbed, spines slightly sunned, scattered foxing.

Published in sequential volumes of *The Lancet* these articles "represent two of the most epoch-making contributions to surgery"(Garrison-Morton-Norman). While managing the surgical wards at the Royal Infirmary in Glasgow, Lister observed first-hand the high mortality rate caused by post-operative infections. The writings of Louis Pasteur confirmed the beliefs that Lister had already formed himself: that infections such as gangrene and septicemia were caused by living micro-organisms. He used carbolic acid as an antiseptic in several cases, and 9 of 11 patients in his study recovered. He published the results in the articles here, in the 1867 issues of *The Lancet*. Garrison-Morton-Norman 5634 and 5635; Grolier *Medicine* 75; Norman 1367.

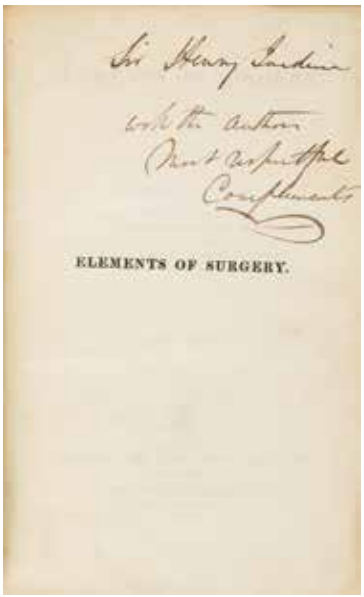
$2,000 - 3,000

72

73
LISTON, ROBERT. 1794-1847.
Elements of Surgery. London: Longman, Rees, Orme, Brown, and Green, 1831-1832.
3 parts in 1 volume. 8vo (206 x 129 mm). Contemporary half calf and green textured cloth, spine with 5 raised bands. Rubbed, browning and spotting to endpapers.

FIRST EDITION, PRESENTATION COPY of Liston's classic text on surgery, inscribed on the half-title "*Sir Henry Jardine, with the author's most respectful compliments*." In the era before sterilization and anesthesia, Liston advocated a surgical technique that involved speedy work to minimize risk and suffering to the patients. He put that philosophy into practice himself, working with great skill and dexterity. *Heirs of Hippocrates* 1507; Wellcome III, 530.

$800 - 1,200



73

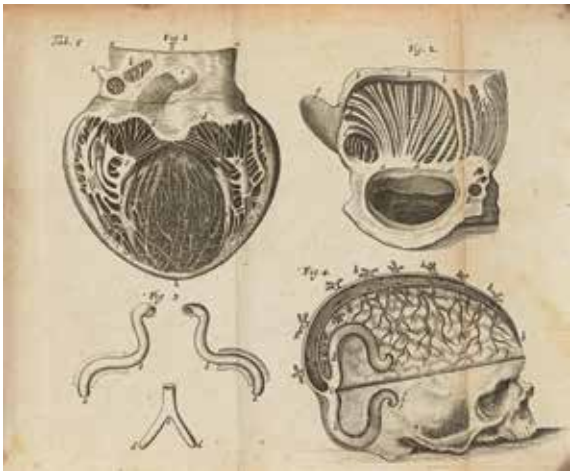
74
LIZARS, JOHN. 1792-1860.
A system of anatomical plates of the human body accompanied with descriptions and physiological, pathological and surgical observations. Edinburgh: W.H. Lizars, 1822-26.
2 volumes. Folio atlas (455 x 285 mm) and 8vo text volume (212 x 132 mm). 2 title pages with engraved vignettes and 101 plates (15 brain and spinal cord plates hand-colored). Non-uniform bindings (text volume in contemporary half sheep and textured cloth; atlas in 20th-century half black calf and marbled boards.
Text volume somewhat heavily rubbed, corners bumped, front free endpaper loose, spotting and browning; atlas slightly rubbed, dampstaining at top margins, some into printed areas of plates.

FIRST EDITION, FIRST PRINTINGS of this impressive and highly successful collaboration between anatomist John Lizars and his brother William Home Lizars, a talented artist and head of the publishing and engraving firm established by their father, Daniel Lizars (1754-1812). John Lizars studied under John Bell and later became a partner in Bell's anatomy school. The partnership with Bell was eventually dissolved but Lizars continued to teach on his own, and also maintained a private surgical practice. Lizars's *System of Anatomical Plates* was by far his most successful work, going through many editions; "the sale of the book in its various forms was reported to be immense" (Roberts & Tomlinson p 505). The first edition of the folio atlas illustrating Lizars's System was issued in both uncolored and hand-colored versions, although the 15 plates devoted to the brain and spinal cord are colored in all copies of the first edition. These plates represent the highest quality of artistic production available in Scotland at the time. Cushing L313; Garrison-Morton-Norman 13508; Roberts & Tomlinson, *The Fabric of the Body*, pp 504-8; Waller 5950; Wellcome III, 531.

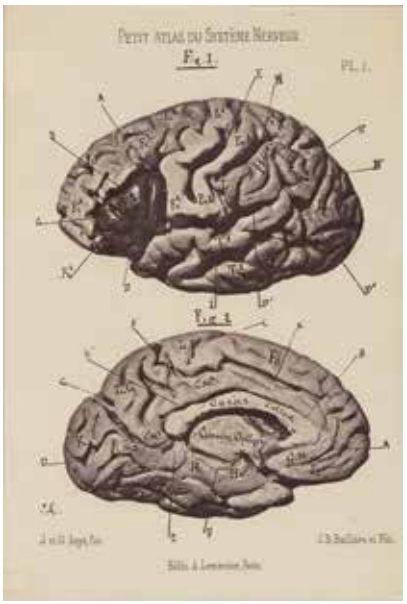
$800 - 1,200

74

75



76



77

75
LONGET, FRANÇOIS ACHILLE. 1811-1871.
Expériences Relatives aux Effets de l'Inhalation de l'Éther Sulfurique sur le Système Nerveux. Paris: Victor Masson, 1847.
8vo. Original printed wrappers, uncut. Some light dampstaining.
Provenance: "De la part de l'auteur" (inscription on upper wrapper).

FIRST EDITION, PRESENTATION COPY, OF THE FIRST PUBLISHED STUDY OF THE EFFECTS OF ETHER. "Though ether anesthesia was invented in America, its inventors and early users were either scientifically untrained like Morton, or men of practical scientific or medical skills like Jackson, Warren and Bigelow. Thus, the first scientific studies of how ether anesthesia actually worked took place in France where anesthesia attracted the attention of the neurophysiologist, Longet, and his colleague, Pierre Flourens. At the time many scientists believed that ether anesthesia's effects on the nerves were analogous to those of asphyxia. While Flourens correctly distinguished between the two states, Longet, in a series of animal experiments, determined that "death from overdosage [of ether] appeared to be due to a kind of asphyxia undoubtedly connected with the etherization of the medulla oblongata (bulbe) itself" (Garrison-Morton-Norman 12870).

$2,000 - 3,000

76
LOWER, RICHARD. 1631-1691.
Tractatus de corde. Item de motu & colore sanguinis et chylii in eum transitu. Amsterdam: Elzevier, 1669.
8vo (158 x 92 mm). 7 engraved folding plates. Contemporary vellum slight wear to edges, front joint cracked, a few ink squiggles to endpapers and blank portions or back of four plates.

First Elzevier edition, preceded by two London issues published earlier the same year. Richard Lower "made the next great advance after Harvey in the physiology of blood circulation when he determined experimentally, with the assistance of Robert Hooke, that venous blood is changed to arterial blood in the lungs by virtue of its contact with air. The experiments leading to this discovery are reported in the third chapter of Lower's De corde, a work that also contains a number of other important observations, such as the scroll-like structure of the cardiac muscle (confirmed 250 years later by Mall), the heart's contractive and expulsive movements, the tamponade effect of pericardial effusion and the limiting effect of pericardial adhesions on the heart" (Norman 1397). "Lower was the first to demonstrate the scroll-like structure of the cardiac muscle. He was one of the first to transfuse blood. Chapter III of the above work records how Lower injected dark venous blood into the insufflated lungs; he concluded that its subsequent bright red colour was due to its absorption of some of the air passing through the lungs" (GM). See Garrison-Morton-Norman 761; Krivatsy 7158; see Norman 1397 (first edition); 1486; Wellcome III, 552; Willems 1412.

$1,000 - 1,500

77
LUYS, JULES BERNARD. 1828-1897.
Petit atlas photographique du système nerveux. Paris: Librairie J.-B. Bailliere et fils, 1888.
8vo (165 x 114 mm). 24 heliogravure photographic plates. Loose, as issued, in quarter brown morocco and marbled board slipcase, in book form. Slipcase rubbed, corners chipped, crack to top panel; text leaves with a few light smudges, ownership signature on half-title page.

FIRST EDITION in this reduced size, of the first photographic atlas of the anatomy of the brain. Luys was the first to describe the subthalamic nucleus, identifying it as a central connecting point between the cerebral cortex and the nervous system. Garrison-Morton-Norman 44047 (large edition).

$1,000 - 1,500

78
MAGATUS, CAESAR. 1577-1647.
De rara medicatione vulnerum, seu de vulneribus raro tractandis libri duo. Venice: Ambrogio and Bartolomeo Dei, 1616.
2 parts in 1 volume. Folio (315 x 225 mm). First title page printed in red and black, woodcut vignettes to both title pages. Old (contemporary?) vellum, inked titles on spine. Vellum heavily rubbed and soiled, insect damage to endpapers, ownership inscriptions on title page (lined out), approximately 50 mm tear from top of title page, top and bottom margins closely trimmed, touching text on title page, scattered dampstaining and foxing.

FIRST EDITION. "Magati was a proponent of conservative treatment of wounds and extolled the virtues of natural processes to heal wounds. The second part mainly deals with wounds of the nerves and head" (Garrison-Morton-Norman 2143). Wellcome I, 3942.

$800 - 1,200

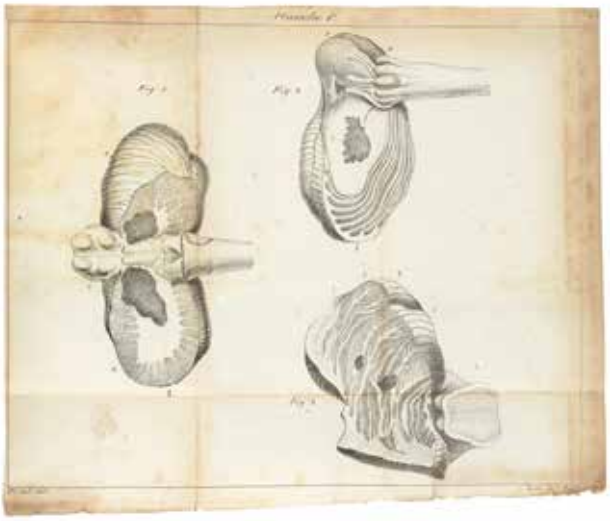
CAESARIS MAGATI
SCANDIANENSIS
IN ALMO FERRARIENSI
Gymnasio publico Medicinæ Professoris.
DE RARA MEDICATIONE VVLNERVM,
LIBRI DVO.
NOVVM ARGVMENTVM EST, A NVLLO HACTENVS
AD ILLVSTRISSIMOS VIROS
D. ALEXANDRVM FLASCVM
Equitem Hierosolymitanum, ac Sapientum Iudicem.
SAPIENTESQVE MAGISTRATVS.
VENETIIS. M DC XVI.

78

79
MAGENDIE, FRANÇOIS. 1783-1855. *ET AL*.
Journal de physiologic experimentale; Journal de physiologic experimentale et pathologique. Paris: 1821-1830.
10 volumes. 8vo (198 x 119 mm). Half-titles in first 3 volumes, 25 engraved plates, most folding, letterpress tables in text. 20th century quarter roan and marbled boards. Spines sunned, scattered browning and foxing, some plates reinforced on verso at fold creases.
Provenance: Royal College of Surgeons in Ireland (stamps on title pages).

FIRST EDITIONS of this compendium of published articles, edited by Magendie, who also wrote much of the content. Other contributors included, Antoine Serres, Luigi Rolando, Herbert Mayo, and (ironically) Charles Bell. It is perhaps Magendie and Bell's relationship for which the latter is best remembered. Although the two worked simultaneously on experiments on the nervous system, drawing conclusions on the differences between sensory and motor nerves in the spinal cord, their work led to rivalry rather than cooperation. Bell claimed to have published his conclusions first, but the conclusions that both of them came to as a result of their experiments is known to posterity as the Bell–Magendie law. Garrison-Morton-Norman 598, 1256, 1256.1, 1392; Grolier *Medicine* 58; Norman 1418.

$1,000 - 1,500



79

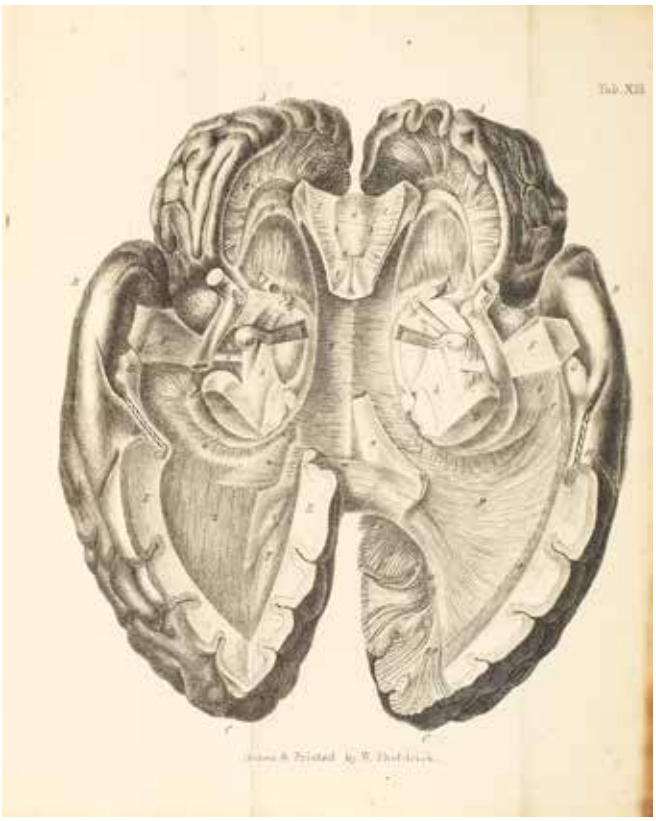
80
MALACARNE, VINCENZO. 1744-1816.
Encefalotomia nuova universale. Turin: Giammichele Briolo, 1780.
3 parts in 1 volume. 12mo (170 x 104 mm). Errata leaves at end of each part. Contemporary half russia and patterned boards, spine gilt with 3 raised bands. Rubbed, corners bumped, worming to rear paste-down, minor toning.

FIRST EDITION. This work expands upon Malacarne's 1776 publication *Nuova esposizione della vera struttura del cervelletto umano* which is reprinted here as the third of three parts. Malacarne studied at the University of Turin and became interested in neurology during his time as a surgeon at Terme in Tuscany. He became chair of surgery and obstetrics in 1789, and chair of theoretical and practical surgery in 1793. A prolific author, he is regarded as the first to correctly describe the anatomy of the cerebellum in print. See Garrison-Morton-Norman 1382.1

$800 - 1,200

ENCEFALOTOMIA
NUOVA UNIVERSALE
DI
VINCENZO MALACARNE
SALUZZESE
CHIRURGO COLLEGIATO, SUBSTITUTO
DELLE REGIE TERME ACQUISI,
E PROFESSORE DI CHIRURGIA
NELLA CITTA' D'ACQUI.
TORINO MDCCLXXX.
PRESSO GIAMMICHELE BRIOLO.

80



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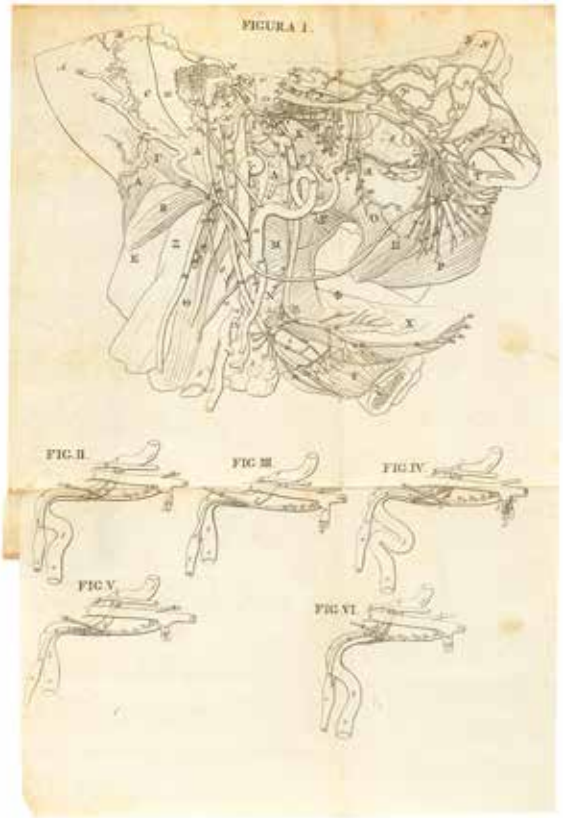


82

81
MAYO, HERBERT. 1796-1852.
Anatomical and Physiological Commentaries. Numbers I and II.
London: Thomas and George Underwood, 1822-1823.
2 parts (all issued) in 1 volume. 8vo (225 x 138 mm). Main title page and 2 section titles, 15 folding lithographic plates. 20th century half red morocco and old marbled boards. Spine slightly sunned, boards rubbed and slightly soiled, soiling to edges and some fingermarks, library stamps to preliminary pages, fore-edge of plate VI heavily soiled.
Provenance: Charing Cross College of Medicine (stamps).

FIRST EDITION. The first number contains Mayo's discovery of the functions of the fifth and seventh cranial nerves, while the second contains his demonstration that only a portion of the brain (containing the optic tubercles and the crura) were sufficient to produce muscular activity. Garrison-Morton-Norman 1390; McHenry p 144; Norman 1473.

$1,500 - 2,500

82
MECKEL, JOHANN FRIEDRICH (THE ELDER). 1724-1774.
Tractatus Anatomico Physiologicus de Quinto Nervorum Cerebri.
Goettingen: Abram Vandenhoek, 1748.
4to (214 x 170 mm). 2 engraved folding plates tipped to errata leaf. Modern quarter morocco and marbled boards, spine gilt with 4 raised bands. Ink ownership inscriptions on front free endpaper, ink notations on back free endpaper, light scattered foxing.

FIRST EDITION. This treatise was Meckel's graduate dissertation, describing the sphenopalatine ganglion and the dural space lodging the Gasserian ganglion ("Meckel's ganglion" and "Meckel's cave"). Garrison-Morton-Norman 1249; *Heirs of Hippocrates* 958; Norman 1482; Waller 6408; Wellcome IV, 98.

$2,000 - 3,000

83

MEDICAL INSTRUMENTS: CIVIL WAR SURGICAL KIT.

KOLBE, DIETRICH W. 11-piece kit, 1858-1866, including Chassaigne's ecraseur, 4 forceps, trephine, bone chisel and hammer, surgical elevator, chain saw, all stamped "KOLBE" or "KOLBE / PHILA," housed in original wooden case with brass fixtures, 354 x 145 x 74 mm, "U.S.A. Hosp. Dept." incised on brass label on lid and Kolbe label, velvet-lined and bearing Kolbe's 32 South Ninth Street address on label. Instruments excellent, small compartment lacks lid and contents (likely needles and thread), minor wear to case.

Medical instrument maker D.W. Kolbe had trained in Paris and Germany before he established his business in Philadelphia in 1856. He became one of the main suppiiers for the Union forces during the Civil War. This example dates from that period and even bears the inlaid brass plaque denoting its provenance. The Chassaigne's ecraseur is apparently quite rare.

$1,000 - 2,000

83

84

19th-CENTURY MEDICAL INSTRUMENTS.

13-piece Amputation Kit, Shepard & Dudley, late 19th century, including capital saw, lifting back metacarpal saw, Hey's saw, bone brush, trephine, large and small Liston knives, double-sided knife, scalpel, tenaculum, surgical elevator, forceps, tourniquet; laid in are two bistouries, each of another maker, needle assortment in small, lidded compartment, all housed in a velvet-lined, brass-bound wooden case, 392 x 150 x 72 mm, with Samuel Crocker & Co Ohio Dental & Surgical Depot label affixed to lining. Some light corrosion, but generally very good, case with brass label on lid absent.

New York-based surgical instrument makers Shepard and Dudley operated from 1870 through 1894.

$1,000 - 2,000

84

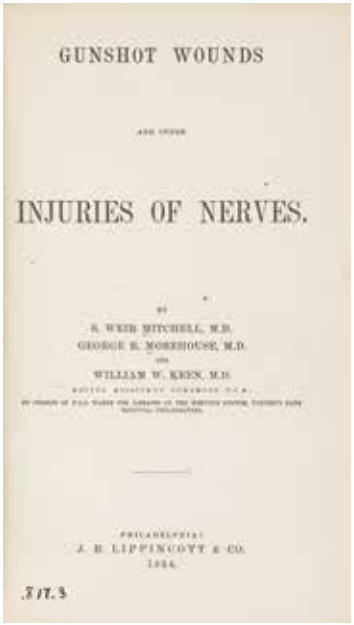
85

MEDICAL INSTRUMENTS: TREPANATION.

Collection of 3 instruments:
1. Trephine brace, Collin, Paris, mid-19th century, 314 mm long, some corrosion.
2. Trephine brace, brass and wood with bone handle and end-cap, 19th century, 320 mm, corrosion wear.
3. Traveling trephine kit, Pilling, Philadelphia, c.1900, with steel handle, three heads and three perforators, all contained in wooden box measuring 111 x 117 x 47 mm. Box worn.

$600 - 800

85


GUNSHOT WOUNDS

AND OTHER

INJURIES OF NERVES.

S. WEIR MITCHELL, M.D.
GEORGE R. MOREHOUSE, M.D.
AND
WILLIAM W. KEEN, M.D.

PHILADELPHIA:
J. B. LIPPINCOTT & CO.
1864.

86

87

88

86
ELLIOT CUTLER COPY.
MITCHELL, SILAS WEIR. 1829-1914; GEORGE READ MOREHOUSE. 1829-1905; and WILLIAM W. KEEN. 1837-1932. *Gunshot Wounds and Other Injuries of Nerves.* Philadelphia: J.B. Lippincott, 1864.
Small 8vo (185 x 116 mm). 20th century half red morocco and brown cloth. Some rubbing and scuffing to binding, minor browning.
Provenance: Elliot C. Cutler (stamp on front free endpaper).

FIRST EDITION, THE ELLIOT CUTLER COPY. The authors were among the founders of American neurosurgery, having been presented the opportunity to study numerous patients as a result of the Civil War. This work was the first study of its type on traumatic nerve injuries, compiling over 100 case studies. Elliot Cutler's long and illustrious career as a surgeon included performing the world's first heart valve surgery in 1923, succeeding Harvey Cushing as Moseley Professor of Surgery at Harvard Medical School in 1932, and serving as Chief Consultant on Surgery for the European Theater of Operations in World War II. Garrison-Morton-Norman 2167; Norman 1519.

$2,000 - 3,000

87
MONRO, ALEXANDER. 1733-1817.
Observations on the Structure and Functions of the Nervous System. Edinburgh: William Creech and Joseph Johnson, 1783.
Folio (500 x 310 mm, uncut). 56 separate copper plates (numbered I-XLVII) printed on 43 sheets drawn by Thomas Donaldson, Alexander Battoni and A. Fyfe; and engraved by Donaldson, Battoni and G. Cameron. Modern half calf and marbled boards. Blank portion of title repaired, some light browning and staining.
Provenance: Henry Viets (presentation inscription by John Fulton on flyleaf).

FIRST EDITION. An important study of the anatomy of the brain, in which the author explained his discovery of the communication between the lateral ventricles of the human brain with each other and the third ventricle, the "foramen of Monro". Blake, p 309; Garrison-Morton-Norman 1385; *Heirs of Hippocrates* 1010; Norman 1538.

$800 - 1,200

88
MORGAGNI, GIOVANNI BATTISTA. 1682-1771.
De sedibus, et causis morborum per anatomen indagatis. Venice: Typographia Remondiniana, 1761.
2 volumes in 1. Folio (365 x 225 mm). Engraved portrait frontispiece, title printed in red and black, double columns. Contemporary vellum. Some minor staining.
Provenance: Fratelli Salimbeni (bookplate of Pegasus with initials "GPC").

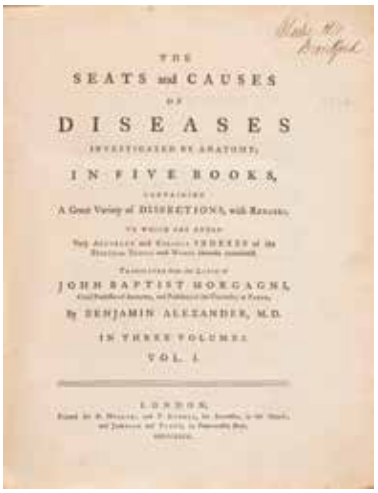
FIRST EDITION. "The true foundation of modern pathologic anatomy ... while others, like Benivieni, Vesalius, Bonetus, may have looked at diseased viscera in the dead body with some intelligence, it was by the vast scope of his work and his many descriptions of new forms of disease that Morgagni made pathology a genuine branch of modern science" (GM). He treats approximately 700 case histories and post-mortems, drawn from his own experience and that of his immediate predecessors. "Morgagni's most outstanding contribution to special pathology was his exposition of lesions of the vascular system, particularly aneurisms, whose connection with syphilis he recognized; he also recorded cases of mitral stenosis and heart block (Stoke-Adams syndrome), and described a case of angina pectoris that he observed in 1707. He was the first to clearly expound the clinical features of lobar pneumonia with consolidation of the lung; he also described acute yellow atrophy of the liver and tuberculosis of the kidney" (Norman). Garrison-Morton-Norman 2276; *Heirs of Hippocrates* 792; Norman 1547; PMM 206.

$2,000 - 3,000

89
MORGAGNI, GIOVANNI BATTISTA. 1682-1771.
The Seats and Causes of Diseases Investigated by Anatomy....
London: Printed for A. Millar and T. Cadell, 1769.
3 volumes. 4to (280 x 220 mm). Contemporary quarter paper and blue boards, edges untrimmed, some pages uncut, modern cloth-covered clamshell box. Spines browned and heavily chipped, boards soiled, corners bumped, library markings, toning and foxing.
Provenance: Univeristy of Durham College of Medicine (stamps on titles and other preliminary leaves, bookplates on front paste-downs); Robert Mowbray (bookplate).

FIRST EDITION IN ENGLISH. Morgagni, professor of anatomy at Padua, "was the true founder of modern pathological anatomy," and this work, first published in Venice in 1761, "one of the most important in the history of medicine" (Garrison-Morton-Norman 2276). Blake, p 312; Wellcome IV, 178; cf. PMM 206.

$2,000 - 3,000

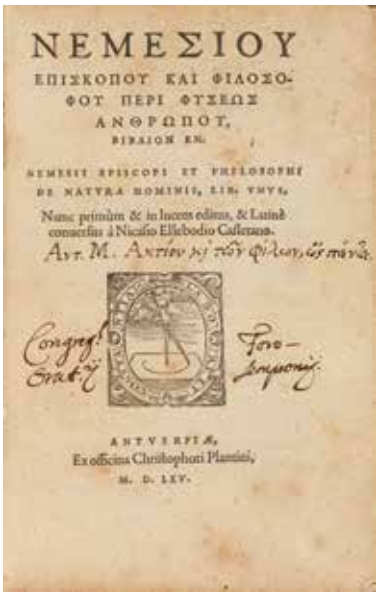

THE
SEATS and CAUSES
OF
DISEASES
INVESTIGATED BY ANATOMY,
IN FIVE BOOKS,
JOHN BAPTIST MORGAGNI,
By BENJAMIN ALEXANDER, M.D.
IN THREE VOLUMES.
VOL. I.
LONDON,

89

90
NEMESIUS, BISHOP OF EMESA. FL. 4TH CENTURY A.C.E.
De natura hominis. Antwerp: Christophe Plantin, 1565.
8vo (155 x 104 mm). Greek and Latin text, title printed in red and black. Old limp vellum, remnants of ties on edges, ink titles on spine and lower edge. Some staining and insect damage to vellum, ownership inscriptions on title page, top edge margins trimmed close to headers, some ink marginalia, scattered foxing throughout.

FIRST EDITION IN GREEK, translated by by Nicasius Ellebodius. A psychological and physiological study of humans, based on both Platonic and Christian ideas. This was one of the first works to propose that mental processes were centered in the brain. Nemesius appears to have been a physician before turning to life in the church, becoming Bishop of Emesa in present-day Syria. Brunet IV, 37; Durling 3329; Garrison-Morton-Norman 571 (for first Latin edition of 1512); Graesse IV, 657.

$800 - 1,200


ΝΕΜΕΣΙΟΥ
ΕΠΙΣΚΟΠΟΥ ΚΑΙ ΦΙΛΟΣΟ-
ΦΟΥ ΠΕΡΙ ΦΥΣΕΩΣ
ΑΝΘΡΩΠΟΥ,
ΒΙΒΛΙΟΝ ΕΝ.
NEMESII EPISCOPI ET PHILOSOPHI
DE NATVRA HOMINIS, LIB. VNVS.
Nunc primùm & in lucem editus, & Latinè
conuersus à Nicasio Ellebodio Castellano.
ANTVERPIÆ,
Ex officina Christophori Plantini,
M. D. LXV.

90

91
PAAW, PETRUS. 1564-1617.
Succenturiatus anatomicus continens commentaria in Hippocratem....
Leiden: Jodocus a Colster, 1616.
2 parts in 1 volume. 4to (197 x 144 mm). Engraved portrait medallion on verso of title, 2 engraved folding plates, numerous engraved illustrations in text. Contemporary vellum, ink titles on spine. Light soiling to covers, minor browning to some leaves at fore-edge, otherwise a crisp copy.

FIRST EDITION of Paaw's commentary on the works of Hippocrates and Celsus. The subject matter is centered on wounds of the head. Paaw himself is depicted in the first plate giving an anatomy lesson in the anatomical theater at Leiden. Choulant-Frank, p 181; Cushing P163; *Heirs of Hippocrates* number 401.1; Waller 7255; Wellcome I, 4684.

$1,500 - 2,500

91

92

92
PARACELSUS, PHILIPPUS, THEOPHASTUS BOMBASTUS VON HOHENHEIM. 1493-1541.
Wundt unnd Leibartznei, Zu allen Wunden, Verletzungen, Schaden und Bruchen ... Die gantze Chirurgei belangend. Auch Frantzosischen Schaden un(d) heylungen. Dabei Von ausssziehung der funfften Wesenheit, Quinta Essentia, Auss bewerten stucken der Artznei ... Raimundus Lullius. Frankfurt: C. Egenolff, 1549.
4to (192 x 138 cm). 8 woodcut illustrations (one full-page). Title remargined and laid down, a few other leaves with marginal repairs, A1 with filled hole affecting a few letters in three lines. Modern vellum antique.

FIRST EDITION of this compilation of various excerpts from his writings. "Paracelsus was a doctor, chemist, lecturer, and reformer. His novel doctrines gained him many followers. He expressed novel ideas for the treatment of wounds, disbelieving in the use of boiling oil for the purification of gunshot wounds. His *Chirurgia magna* went through many editions and translations" (GM). Durling 3449; See Garrison-Morton-Norman 5561; VD 16, P 455.

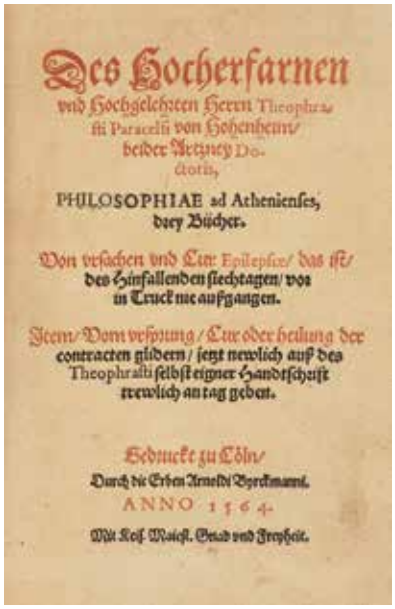
$2,000 - 3,000

93

93
PARACELSUS, PHILIPPUS, THEOPHASTUS BOMBASTUS VON HOHENHEIM. 1493-1541.
Der grossen Wundartzney. Frankfurt: W. Han and G. Rab, dated 1536 but 1563.
4to, (196 x 153 mm). 3 parts in one volume. Woodcut illustration on each title page, one woodcut plate. Contemporary blind-stamped pigskin over wooden boards, two brass clasps. Light darkening to binding. Some minor browning and staining.
Provenance: Early manuscript notes, one dated 1589, to pastedowns.

Early edition dated 1536 but the 1563 improved reprint (the woodcut on **4r does not include a kettle). "Paracelsus was a doctor, chemist, lecturer, and reformer. His novel doctrines gained him many followers. He expressed novel ideas for the treatment of wounds, disbelieving in the use of boiling oil for the purification of gunshot wounds. His *Chirurgia magna* went through many editions and translations" (GM). See Garrison-Morton-Norman 5561; VD16 P 459.

$3,000 - 4,000

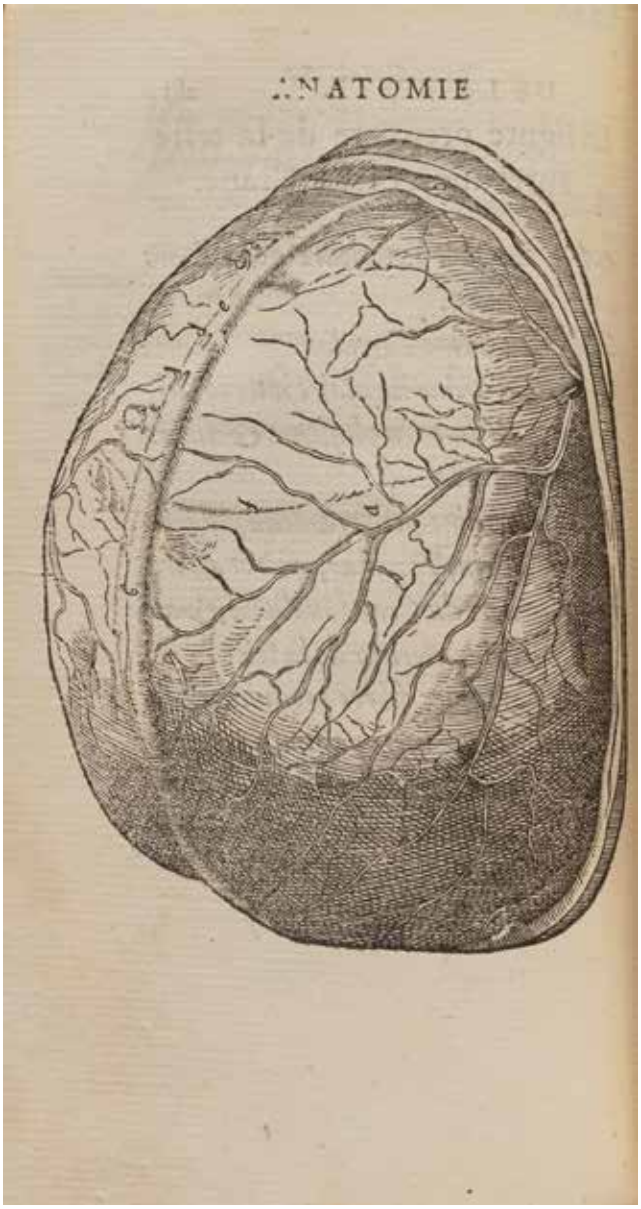


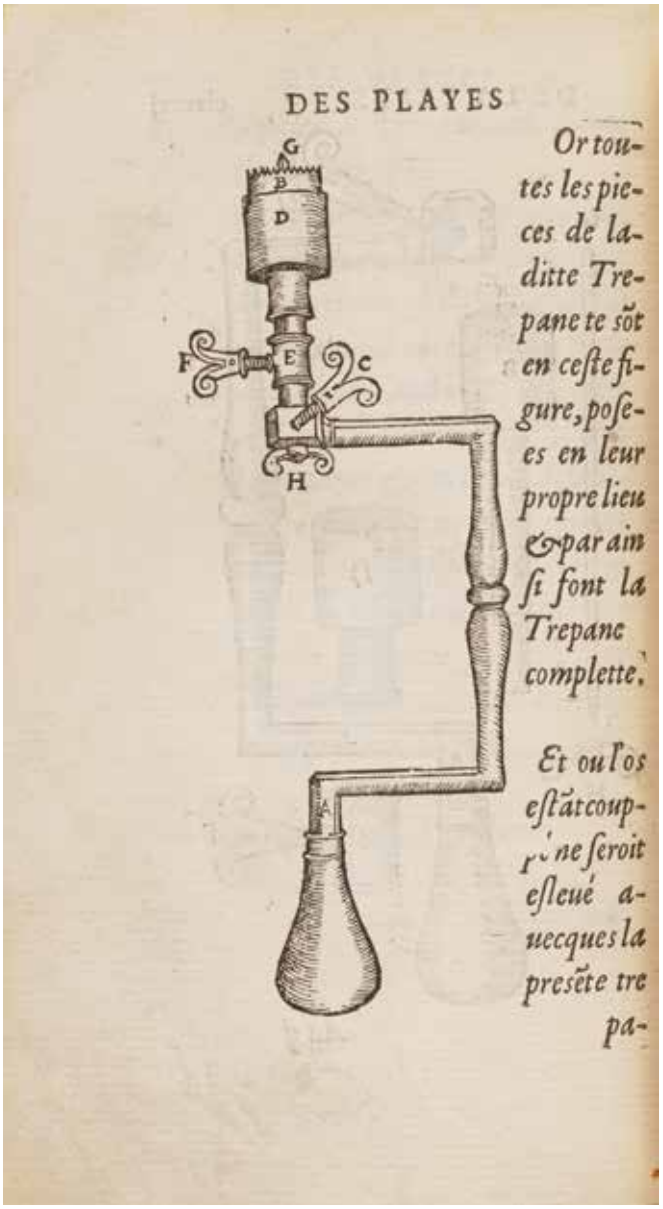
94

94
PARACELSUS, PHILIPPUS, THEOPHASTUS BOMBASTUS VON HOHENHEIM. 1493-1541.
Philosophiae ad Athenienses, drey Bücher. Cologne: Heirs of Arnold Birckhmann the elder, 1564.
Small 4to (190 x 144 mm). Title page printed in red and black, woodcut printer's devices at end of first and third book. Modern vellum, morocco lettering piece on spine. Light spotting and discoloration, worming to outside margins not effecting text.

FIRST COLLECTED EDITION of these three works by Paracelsus, including the first appearance of the second work. These works introduce the concept of "mysterium," one of the author's key concepts, in which all objects are derived from a matrix, which is itself derived from the "mysterium magnum," the element from which all other items are made. Durling 3467; *Heirs of Hippocrates* 209; Norman 1634; Waller 7121; Wellcome I, 4754;

$1,200 - 1,800





95

PARE, AMBROISE. C.1509-1590.

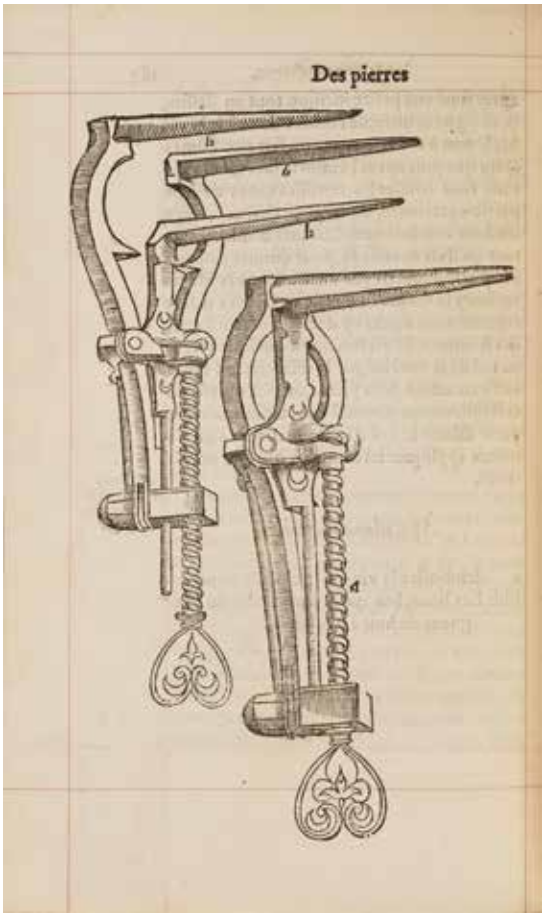
La Methode Curative des Playes, et Fractures de la Teste humaine. Avec les pourtraits des Instruments necessaires pour la curation d'icelles. Paris: Jean Le Royer, 1561.

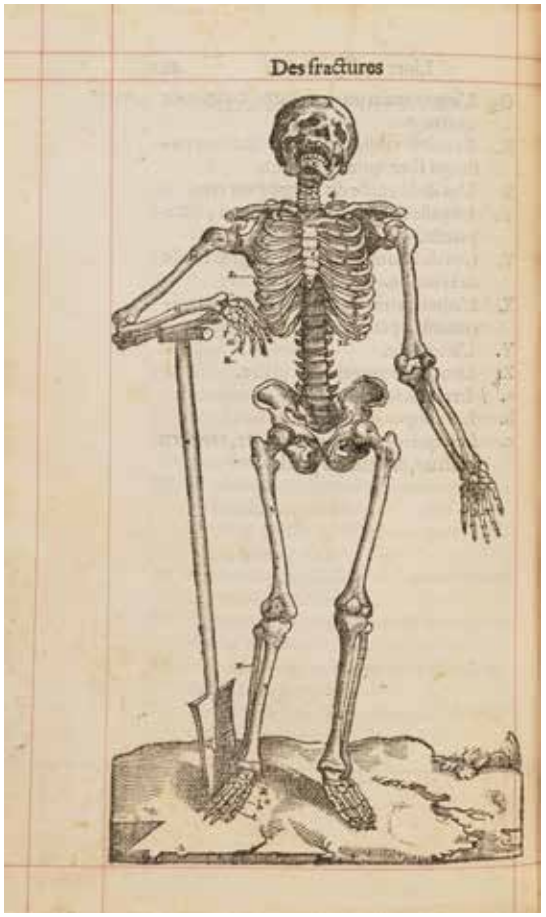
8vo (164 x 97 mm). Woodcut printer's device on title (Renouard 653), woodcut medallion, portrait of the author aged 45, attributed to Jean Cousin on verso, 71 woodcuts (33 full-page or nearly full-page, including 17 anatomical cuts of the head and thorax in part 1, one repeated, the remainder in part 2 depicting surgical instruments, most consisting of several small blocks), 7-, 6- and 4-line floriated woodcut initials and headpieces. 20th century morocco gilt by Godillon, gilt edges. Blank lower margin of Kk1, kk8, Ll 1-8 and a few other leaves neatly remargined.

FIRST EDITION. Written as the result of the fatal head injury of Henry II of France, "who was struck in the eye by the shaft of a lance at a tournament in celebration of the marriage of Philip, King of Spain, with Elizabeth of France" (G&M). Paré and Vesalius served as consultants. It contains the complete clinical history and description of the king's autopsy findings. Illustrated instruments are mostly of Paré's design. Anatomic illustrations from Vesalius. VERY RARE, according to Rare Book Hub, no other copy sold at auction since the Norman sale in 1998. Doe 12, Durling 3524, Garrison-Morton-Norman 4850.3; Norman 1639; Waller 7160.

$25,000 - 35,000

DIX
LIVRES
DE
LA CHIRVRGIE,
AVEC
Le Magasin des In-
strumens neceßaires
à icelle.
Par AMBROISE PARE,
premier Chirurgien du Roy.
ET IVRE
A PARIS.
De l'Imprimerie de Iean le Royer,
Imprimeur de ſa Maieſté, au
vray Pourtr.
Auec priuilege.
1564.





96
PARE, AMBROISE. C.1509-1590.
Dix Livres de la Chirurgie avec le Magasin des Instrumens necessaires à icelle. Paris: Jean Le Royer, 1564.
8vo (169 x 107 mm). Ruled in red, title within elaborate woodcut border, author's portrait on verso, numerous woodcut illustrations in text, many full page. Old vellum, edges gilt. Some light staining. Title and portrait window mounted.

FIRST EDITION, of the first large surgical work by the most celebrated surgeon of the Renaissance. "Paré's first general treatise on surgery, and the most comprehensive of his treatises before his collected works (1575). *Dix livres* included Paré's first description of the use of the ligature in amputations, one of his greatest contributions" (GM). Pare discusses gunshot wounds, arrow wounds, treating fractures, and other subjects. Illustrations include instruments, splints and bandaging methods. Pare dedicates his work to the young surgeons "who will be able to diligently provide for accidents and diversify the way of treating those who in the future may be injured in your service: with God's help their number will be small" "Aux jeunes chirurgiens..." VERY RARE. Janet Doe remarks that Malgaigne, could not locate a copy of this book. Doe 13; Cushing P71; Durling 3525; Garrison-Morton-Norman 5564; Waller 7161.

$12,000 - 18,000

97

98

97
PARE, AMBROISE. C.1509-1590.
Deux livres de Chirurgie. 1-De la generation de l'homme ... 2-Des monstres tant terrestres que marins, avec leurs portrais.... Paris: André Wechel, 1573.
8vo (157 x 108 mm). Numerous woodcut illustrations in text. Calf antique. Missing two blanks, top edge trimmed closely affecting a few page numbers, some light browning and staining, some marginal repairs.

FIRST EDITION. The section on nerve wounds describes types of nerve injuries, seizures, protecting the tongue in tetanus and lockjaw, nerve pain and the case of nerve injury of Charles IX sustained with inept venous section in addition "many reports of real malformations are intermixed with mythical accounts" (G&M). Cushing P69; Doe 20; Durling 3528; Garrison-Morton-Norman 534.51; Waller 7167.

$3,000 - 4,000

98
PARE, AMBROISE. c.1510-1590.
Les Oeuvres. Paris: Gabriel Buon, 1575.
Folio (352 x 223 mm). Title within elaborate engraved architectural border, portrait of the author on verso of leaf *3, woodcut initials, head and tail-pieces, numerous woodcut illustrations in text, privilege and errata leaf at end.Near contemporary paneled calf, repaired and laid down over later boards, gilt owners name and gilt ornament to sides. Spine label renewed, light wear. Neat repair to title-leaf not affecting the printed area, a few other marginal repairs, some light darkening. *Provenance*: Gilbert Moncrieff, physician to James IV of Scotland, later James I of England ("M. Gilbertus Moncrifius" stamped in gilt to sides).

FIRST EDITION of the collected works of Paré, the greatest and most influential book by the greatest Renaissance surgeon, who achieved for surgery what Vesalius accomplished for anatomy." This splendid folio ... was at once the culmination of its author's naive hopes to place surgery in its rightful place among the arts, to put the understanding of it within the reach of the humblest barber-surgeon, and to confound his own enemies. Paré's book appeared at the psychological moment, satisfying the surgical need of the epoch. Its manner of conception and the renown of the author made it, from its first appearance, the surgical code of its era. Malgaigne calls it the first real surgical treatise since Guy de Chauliac; the latter was still writing under Arabian influence, while Paré brought in the new experimental spirit of the Renaissance" (Doe). Paré's *Oeuvres* was published in approximately 38 editions, in various languages, by the end of the 17th-century. It had a greater influence than virtually any other surgical treatise in history. VERY RARE, no copy of the this first edition is recorded in Rare Book Hub. Doe 29; Durling 3520; Garrison-Morton-Norman 5565; Waller 7171; Wellcome I, 4819 (imperfect).

$8,000 - 12,000

99

100

99
PARE, AMBROISE. C.1509-1590.
Opera chirurgica. Frankfurt: J. Feyerabend for P. Fischer, 1594.
Folio (341 x 210 mm). Title printed in red and black, woodcut printer's emblem to title and colophon, woodcut illustrations throughout. Contemporary vellum, overlapping edged, rebacked, title penned to spine. Dampstain to fore-edge margin of first eighth of volume, a few instances of early marginalia, browned, binding with ties absent, residue to lower cover, tape repair to corners, joints partially split.
Provenance: Two early ownership inscriptions to title-page, dated 1729 and 1655.

Second Latin edition of Pare's works. Pare became one of the greatest surgeons of his century, known for re-introducing the simple ligature for the treatment of gunshot wounds, rather than the practice of cauterization with boiling oil. He invented a number of surgical and dental instruments, as well as prosthetics, many of which are illustrated in this work. Adams P314.

$3,000 - 5,000

100
PARE, AMBROISE. C.1510-1590.
The Workes of that famous Chirurgion Ambrose Parey translated out of Latine and compared with the French by Th: Johnson. London: Printed by Thomas Cotes and R. Young, 1634.
Folio (330 x 208 mm). Engraved title by Thomas Cecill, 323 woodcuts in the text, woodcut, head- and tailpieces. Contemporary calf, rebacked. Some light marginal browning and staining, a few short tears.

FIRST EDITION IN ENGLISH translated by the botanist and apothecary Thomas Johnson Ambroise Pare served as surgeon to Kings Henry II, Francis II, Charles IX and Henry III of France. He pioneered surgical techniques and military medicine in his time and is known as one of the fathers of forensic pathology. Doe 51; See Garrison-Morton-Norman 5565; Krivatsy 8603; Norman 1640; STC 19189.

$6,000 - 9,000

NATURWISSENSCHAFT
UND GEHIRN.

VORTRAG
GEHALTEN IN DER ALLGEMEINEN VERSAMMLUNG
DES XII. KONGRESSES RUSSISCHER NATURFORSCHER
UND ÄRZTE IN MOSKAU AM 28. DEZEMBER 1909.
(10. JANUAR 1910 n. St.)

VON

PROF. J. P. PAWLOW

AUTORISIERTE ÜBERSETZUNG

VON

DR. G. W. VOLBORTH.

WIESBADEN
VERLAG VON J. F. BERGMANN
1910.

101

28

verschiedener Art einzuwirken und seine entsprechenden Reaktionen zu registrieren, sind spezielle, teils pneumatische, teils elektrische Leitungen hergestellt. Auf diese Weise ist eine nach Möglichkeit vereinfachte und beständige Umgebung während der Versuchsdauer für das in der Zelle befindliche Tier gesichert.

Zum Schluss muss noch eine sehr wichtige Bedingung, die wir aber gegenwärtig leider bloss als pium desiderium bezeichnen müssen, erwähnt werden. Wenn der gesamte verwickelte Komplex aller Einflüsse, welche aufs Tier von aussen einfallen, zum Gegenstand der Untersuchung werden soll, so muss der Experimentator natürlich alle diese Reize beherrschen, sie alle in seinen Händen halten. Es müssen ihm eine ganze Masse Instrumente zur Verfügung stehen, damit er imstande sei, die verschiedensten Reize bald einzeln wirken zu lassen, bald wieder die verschiedensten Kombinationen aus diesen Reizen zusammenzustellen, gerade so, wie es im normalen Leben gewöhnlich vorkommt. Leider müssen wir auch jetzt noch oft die Unvollkommenheit selbst der modernsten Instrumente für unsere Zwecke schmerzlich empfinden. Es kommt immer wieder vor, dass die Arbeit der Grosshirnhemisphären weiter geht als die Grenzuntersuchungen, welche uns unser Instrumentarium gestattet.

Fig. 5. Hund im Gestell, fertig zum Versuch.

Es mag vielleicht jemand, der von unseren Versuchsbedingungen hört, einwenden, dass das eine zu gekünstelte Umgebung fürs Versuchstier sei. Hierauf antworten wir folgendes. Vor allem wird es in Anbetracht der unendlichen Mannigfaltigkeit der verchiedenen Lebens-

102

101
PAVLOV, IVAN. 1849-1936.
Naturwissenschaft und gehirn. Wiesbaden: J.F. Bergmann, 1910.
4to. Publisher's printed pale blue wrappers, pages uncut. Vertical fold crease through center, soiling to wrappers, inventory label affixed to front wrapper.
FIRST GERMAN EDITION, PRESENTATION COPY, inscribed in ink at the top edge of the front wrapper "*Hommage de l'auteur*." Translated by G.W. Volborth, this important work by Pavlov also appeared in *Results of Physiology* in 1911.

WITH: "An Address of the Investigation of the Higher Nervous Functions." OFFPRINT FROM: *British Medical Journal*, October 18, 1913. [London: 1913.] 8vo. Publisher's self-wrappers, bound with staples. Soiling around edges, ownership signature and some ink and pencil notations on cover. Presentation inscription by the translator, C. Lovatt Evans, on top edge of front wrapper: "*With Compliments from C.L.E.*"

$1,000 - 1,500

102
PAVLOV, IVAN. 1849-1936.
Vorlesungen über die Arbeit der Grosshirnhemisphären. Leningrad: Medizinischer Staatsverlag der R.S.F.S.R., 1932.
8vo. Wood engraved illustrations in text. Publisher's dark blue cloth, stamped in gilt. Spine sunned, corners bumped, slightly loose, browning, as usual, to page edges.
Provenance: Dr. J.E. Johansson (Swedish physiologist and professor at the Caroline Institute in Stockholm, Mailing label in Pavlov's hand inserted at front).

PRESENTATION COPY TO J.E. JOHANSSON, WHO PLAYED A PIVOTAL ROLE IN PAVLOV'S 1904 NOBEL PRIZE, inscribed on the title page in Pavlov's hand "*Mit besten Gruss* (unsigned), along with the Russian mailing label filled out in Pavlov's handwriting, addressing it to Johansson. This is the first German edition of *Lekcii o rabote bol'shich polusarii golovnogo mozge*, first published in Russian in 1927. Both Johansson and Pavlov had studied under Carl Ludwig at Leipzig. Johansson's close association with Nobel was a factor in Nobel's early financial support of Pavlov's lab (in 1893). In 1901, Johansson visited Pavlov's lab on behalf of the Nobel nominating committee, which he would later head. Despite Johansson's positive review and support, the prize for Physiology or Medicine in that year (the first) was awarded to Emil von Behring. Over the next 3 years, Pavlov was nominated each year, until he won the prize in 1904, with Johansson playing a pivotal role in the award. A remarkable association.

$800 - 1,200

GRUNDZÜGE

DER

ALLGEMEINEN

KRIEGSCHIRURGIE

AUS DEN ERFAHRUNGEN IN DEN JAHREN 1853 UND 54 AUF DEM KAUKASUS UND AUS DEN HOSPITALPRAXIS

VON

N. PIROGOFF.

LEIPZIG

VERLAG VON F. C. W. VOGEL.

1864.

103

FELICIS

PLATERI

ARCHIATRI ET

PROFES. BASIL.

De Observationum,

In Hominis Affectibus plerisq, corpori & animo, functionum læsione, dolore, aliáve molestiâ & vitio incommodantibus,

LIBRI TRES.

Ad Praxeos illius Tractatus tres, quorum primus Functionum læsiones, secundus Dolores, tertius Vitia continet, accommodati.

In quibus eo ordine, diuersorum affectuum sub generibus hisce comprehensorum, progressus, euentus, curationes, vti ab authore hac obseruata tractatæ fuerunt, historicè describuntur.

BASILEÆ,

Impensis Ludovici Königi,

Typis Conradi Waldkirchmil

M DC XIIII.

104

105

103

PIROGOV, NICOLAI IVANOVICH. 1810-1881.

Grundzuge der allgemeinen Kriegschirurgie.... Leipzig: F.C.W. Vogel, 1864.

8vo (218 x 139 mm). Later half buckram and marbled boards, green cloth lettering piece hand-titled in ink on spine. Rubbed, ink and pencil notations on front free endpaper, light wear and even toning.

FIRST EDITION OF PIROGOV'S MAJOR TREATISE ON MILITARY SURGERY, based on his experiences in the Crimean and Caucasian Wars; the German edition preceded the Russian, which was published in 1866. Pirogov, one of the greatest of all military surgeons, is regarded as the founder of modern Russian surgery. He developed his own technique of plaster of Paris dressings in 1851, and during the Crimean War he became the first to use plaster casts in the treatment of mass casualties. In 1847 he became the first to use ether anesthesia under battle conditions, and during the siege of Sebastopol in the Crimean War, he introduced the mass use of anesthesia in surgical operations at the front. He developed triage on the battlefield, sorting patients according to the severity of their wounds, and introduced female nursing into Russian military hospitals at the same time that Florence Nightingale, similarly inspired by her experiences in the Crimea, was introducing a parallel program in Great Britain. Le Vay *The History of Orthopaedics* pp 465-66; Orr 1416; Peltier *Fractures* pp 68-69; Waller 7464.

$800 - 1,200

104

PLATTER, FELIX. 1536-1614.

Observationum, in hominis affectibus plerisq[ue], corpori & animo, functionum laesione, dolore, aliave molestia & vitio incommodantibus, libri tres. Basel: C. Waldkirch for Ludwig König, 1614.

8vo (170 x 102 mm). Contemporary limp vellum, inked titles on spine. Soiling to vellum, stain on lower cover, a few paper flaws, some slightly affecting text, ink marginalia and notations to endpapers, scattered spotting.

Provenance: Haskell F. Norman Library of Science and Medicine (bookplate; his sale, Christie's, June 15, 1998, lot 726); Francis Petit, M.D. (inscription on front endpaper dated 1694).

FIRST EDITION, the Norman copy. A disciple of Eustachi, Falloppio and Vesalius, Platter was one of the foremost pathologists of the sixteenth and early seventeenth centuries, occupying a place midway between Fernel (1497-1558) and Bonet (1620-89). His *Observationes*, published the year of his death, contains a lifetime's worth of detailed pathological observations of a wide variety of human ailments, including venereal and genito-urinary diseases, tuberculosis, bodily deformities, disorders of the sensory organs, gynecological diseases, etc. Garrison-Morton-Norman 3789, 4297.9, 4511.1; Krivatsy 9073; *Long History of Pathology* p 41; Norman 1716; Waller 7505.

$1,000 - 1,500

105

POTT, PERCIVALL. 1714-1788.

Observations on the Nature and Consequences of Those Injuries to Which the Head is Liable.... BOUND WITH: *Some Few General Remarks on Fractures and Dislocations.*

London: L. Hawes, W. Clarke, and R. Collins, 1768.

2 works in 1 volume. 8vo (205 x 126 mm). 5 engraved plates (3 in first work; 2 in second). Contemporary calf, rebacked, ruled in gilt, spine with 6 raised bands. Some staining to calf, bookplate on front paste-down, worming through lower margin of last 23 leaves; ink ownership inscriptions on first title, ownership stamps on both title pages and final leaf, some spotting and browning.

Revised second edition of Pott's work on head injuries, expanded with the addition of his equally classic work on fractures. Garrison-Morton-Norman 4850.5 (1760 edition of first title) and 4408 (second title).

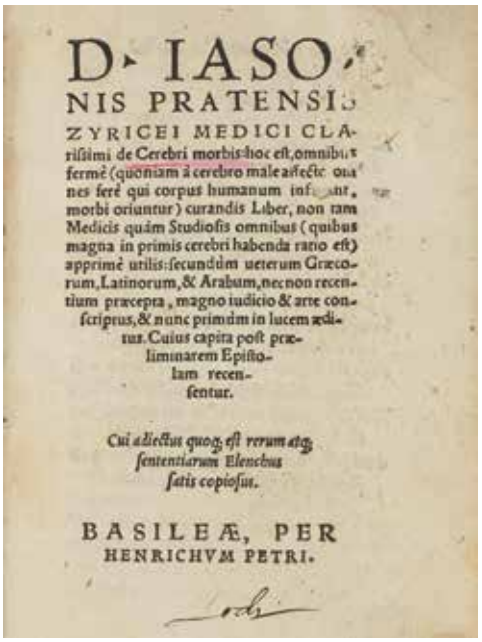
WITH: *Farther Remarks on the Useless State of the Lower Limbs....* London: J. Johnson, 1782. 5 engraved plates. Modern quarter calf and marbled boards. Dampstaining and some insect damage to top edges, with stains extending into image areas of plates. Garrison-Morton-Norman 4304 (notes).

$800 - 1,200

106
PRATENSIS, JASON. 1486-1558.
De Cerebri Morbis.... Basel: Henrichum Petri, 1549.
8vo (155 x 99 mm). Woodcut printer's device at end, a few woodcut initials. Contemporary limp vellum. Pastedowns detached, with a few holes. Pages 209-224 bound out of sequence, some mostly marginal staining.

FIRST EDITION. The earliest monograph on brain diseases. His book includes important sections on nervous diseases. "In 1549, [Pratensis] published his last book, *De cerebri morbis,* 'On the Diseases of the Brain', a volume of 540 pages divided into 33 chapters and covering every cerebral disorder and disease from headache to dimwittedness, from loss of memory, epilepsy, drunkenness, tremors, and convulsions to frenzy, lethargy, catalepsy, mania, melancholy and love ... This book was probably the first full-length consideration of all the topics that would later fall within the domain of neurology, as well as much else besides" (Midefort, *A History of Madness in Sixteenth-Century Germany* p 152). Jason Pratensis, or à Pratis (1486-1558), the son of a doctor, studied in Louvain and in Antwerp. He later became a court physician and a town official, living his whole life on the island of Walcheren, practicing in the small town of Zyriksee where he was born. He was a friend of Tycho Brahe. Adams P-2066; Garrison-Morton-Norman 4511.02; Norman 1740; Wellcome I, 5244; Waller 7617.

$2,000 - 3,000


D. IASO-
NIS PRATENSIS
ZYRICEI MEDICI CLA-
riſſimi de Cerebri morbis hoc eſt, omnibus
fermè (quoniam à cerebro male affecto ona
nes feré qui corpus humanum inf[illegible]nt,
morbi oriuntur) curandis Liber, non tam
Medicis quàm Studioſis omnibus (quibus
magna in primis cerebri habenda ratio eſt)
apprimè utilis: ſecundùm veterum Græco-
rum, Latinorum, & Arabum, nec non recen-
tium præcepta, magno iudicio & arte con-
ſcriptus, & nunc primùm in lucem ædi-
tus. Cuius capita poſt præ-
liminarem Epiſto-
lam recen-
ſentur.

Cui adiectus quoq; eſt rerum atq;
ſententiarum Elenchus
ſatis copioſus.

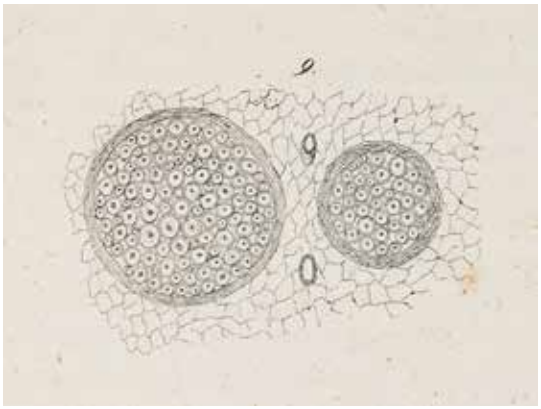
BASILEÆ, PER
HENRICHVM PETRI.

106

107
PURKINJE, JAN EVANGELISTA. 1787-1869.
"Neueste Untersuchungen aus der Nerven- und Hirnanatomie" [IN] *Bericht ueber die Versammiung deutscher Naturforscher und Aerzte in Prag im September 1837* pp 177-180. Prague: Gottlieb Haase, 1838.
4to (277 x 224 mm). Lithographed plate containing 21 figures (of which figures 9-21 relate to this article) facing p 174. Modern half calf and boards. Foxing.

First announcement of Purkinje discovery, the first description of the "flask-shaped ganglionic bodies" known as "Purkinje cells". Reprinted in his *Opera Omnia*, 1939. Garrison-Morton-Norman 1396; Kruta, p 93; Norman 1767.

$1,000 - 1,500



107

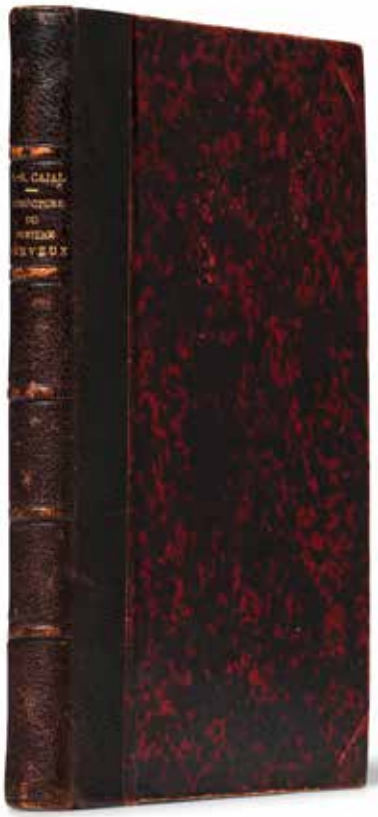
108
PURMANN, MATTHÄUS GOTTFRIED. 1649-1711.
Chirurgia curiosa, darinnen ein jedweder Chirurgus nicht allein auffs gründlichste sehen und finden kan, was in die gantze Wund-Artzney vor künstliche Operationes, richtige Cur-Vortheile, bewährte Artzney-Mittel, leichte und geschwinde Hand-Griffe, gehören, sondern auch solche, durch und durch, mit sehr raren und sonderlichen Observationen bewähret wird. Frankfurt und Leipzig: Michael Rohrlach Heirs, 1699.
3 parts in one volume. 4to (193 x 163 mm). Title printed in red and black, 14 engraved plates. Contemporary vellum, staining to lower cover. Some light browning and staining, a few short tears and minor worming at beginning and end.

FIRST EDITION. Purmann was the most prominent German surgeon of the later 17th century. He carried out the first blood transfusion and his most important contributions were in the field of head injury. The *Chirurgia curiosa* was translated into English 1706. Two states of the title page are known, one in red and black the other printed in black. Krivatsky 9312; Waller 7677; Wellcome IV, 449.

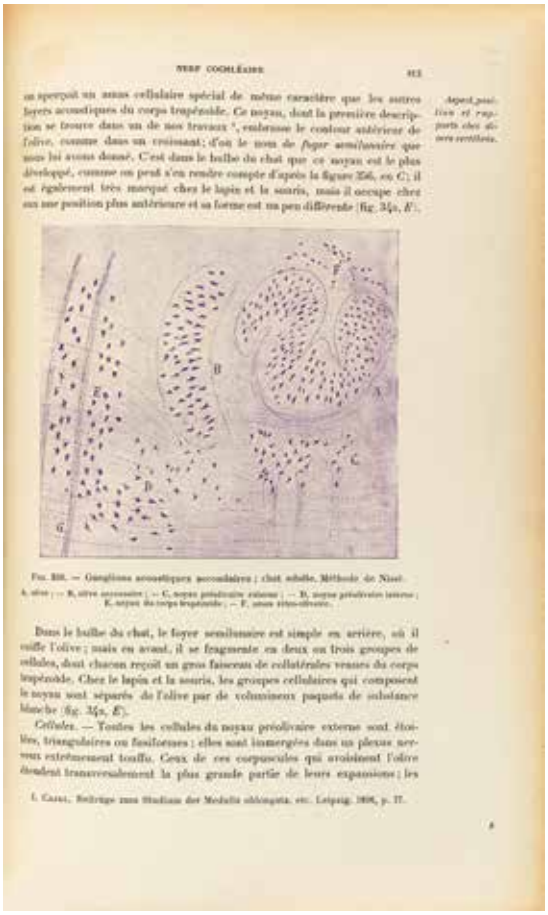
$3,000 - 4,000

108

109



110



NERF COCHLÉEN. 413

Aspect, position et rapports chez divers vertébrés.

un aperçoit un amas cellulaire spécial de même caractère que les autres foyers acoustiques du corps trapézoïde. Ce noyau, dont la première description se trouve dans un de nos travaux [1], embrasse le contour antérieur de l'olive, comme dans un croissant; d'où le nom de *foyer semi-lunaire* que nous lui avons donné. C'est dans le bulbe du chat que ce noyau est le plus développé, comme on peut s'en rendre compte d'après la figure 356, en C; il est également très marqué chez le lapin et la souris, mais il occupe chez eux une position plus antérieure et sa forme est un peu différente (fig. 354, F).

Fig. 356. — Ganglions acoustiques accessoires ; chat adulte. Méthode de Nissl.

A, olive ; — B, olive accessoire ; — C, noyau périolivaire externe ; — D, noyau périolivaire interne ; E, noyau du corps trapézoïde ; — F, amas cellulaire.

Dans le bulbe du chat, le foyer semi-lunaire est simple en arrière, où il coiffe l'olive ; mais en avant, il se fragmente en deux ou trois groupes de cellules, dont chacun reçoit un gros faisceau de collatérales venues du corps trapézoïde. Chez le lapin et la souris, les groupes cellulaires qui composent le noyau sont séparés de l'olive par de volumineux paquets de substance blanche (fig. 354, E).

Cellules. — Toutes les cellules du noyau périolivaire externe sont étoilées, triangulaires ou fusiformes ; elles sont immergées dans un plexus nerveux extrêmement touffu. Ceux de ces corpuscules qui avoisinent l'olive étendent transversalement la plus grande partie de leurs expansions ; les

1. Cajal, Beiträge zum Studium der Medulla oblongata, etc. Leipzig, 1896, p. 17.

111

109
PURMANN, MATTHÄUS GOTTFRIED. 1649-1711.
Chirurgia curiosa: or, the Newest and Most Curious Observations in the Whole Art of Chirurgery.... London: for D. Browne, R. Smith andf T. Browne, 1706.
Folio (322 x 202 mm). Imprimatur by William Cowper. 5 folding engraved plates. Contemporary paneled calf, rebacked, spine with gilt-lettered red leather label. Some light foxing, flyleaves spotted, later endpapers, partial split along fold of one plate, short closed tear in another, boards worn.
Provenance: Wellcome Institute (bookplate on f.f.e.p. and deaccession stamp on title-page verso).

FIRST EDITION IN ENGLISH. "Purmann is justly famed as a military surgeon of exceptional ability, a courageous operative entrepreneur, and a prolific author with a flair for the bizarre and the curious" (Zimmerman & Veith *Great Ideas in the History of Surgery*; *Heirs of Hippocrates* 666.5; Wellcome IV, 449.

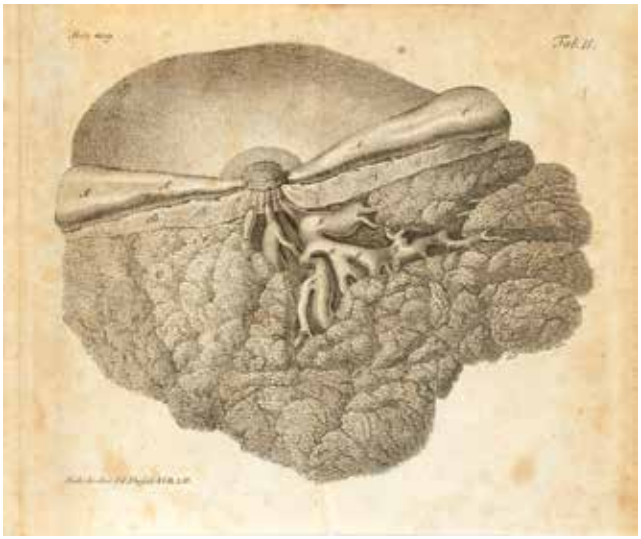
$1,000 - 1,500

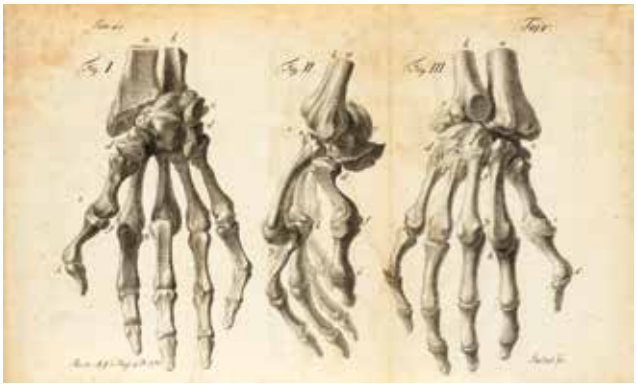
110
RAMON Y CAJAL, SANTIAGO. 1852-1934.
Les Nouvelles idees sur la structure de systeme nerveux chez l'homme et chez les vertebres. Paris: C. Reinwald, 1894.
8vo (213 x 134 mm). Illustrations in text. Contemporary quarter morocco and marbled boards. Lightly rubbed, a few scuffs to boards, fingermarks.

FIRST EDITION IN BOOK FORM, GREATLY EXPANDED from the original Spanish journal appearance. Ramon Y Cajal, who shared the 1906 Nobel Prize in Physiology, herein provides evidence to support the neuron doctrine. Garrison-Morton-Norman 1287 (note); *Heirs of Hippocrates* 2144.

$1,200 - 1,800

112





113

111
RAMON Y CAJAL, SANTIAGO. 1852-1934.
Histologie du système nerveux de l'homme & des vertebres.... Paris: A. Maloine, 1909-1911.
2 volumes. 4to. Lithographic illustrations in text, some partially in color. Contemporary quarter calf and marbled boards. Rubbed, spine of volume 1 sunned, browning to edges of text pages.

FIRST FRENCH EDITION, enlarged and translated from the original Spanish edition of 1899-1904, entitled *Textura del sistema nervioso del hombre y de los vertebrados*. Garrison-Morton-Norman 1293.1 (Spanish edition); Haymaker/Schiller pp 147-151.

$1,200 - 1,800

112
READ, ALEXANDER. 1586?-1641.
Chirurgorum comes: or the Whole Practice of Chirurgery ... Continued and completed by a member of the College of Physicians. London: E. Jones for C. Wilkinson and sold by J. Salisbury: 1687.
8v0 (97 x 115 mm). 1 engraved plate of surgical instruments. Modern paneled calf antique. Soiling and library stamp to title, light dampstaining to lower edges, scattered browning and spotting.

FIRST EDITION. Collected works of Scottish anatomist Read, including the first English translation of Tagliocozzi's *De Curtorum Chirurgia*, a pioneering work on plastic surgery. *Heirs of Hippocrates* 459.6.Wing R427A; Wellcome IV, 483; Krivatsy 9426.

$1,000 - 1,500

113
REIL, JOHANN CHRISTIAN, Editor. 1759-1813.
Archiv für die Physiologie. Halle: Curtschen Buchhandlung, 1796-1815.
12 volumes. 8vo (201 x 117 mm). 63 plates, some partially hand-colored. 20th century quarter roan and marbled boards. Spines sunned, library stamps, scattered browning and spotting (heavy in places), marginal dampstaining in volume 12.
Provenance: Library of the Physicians to the German Hospital and Dispensary, New York (stamps).

FIRST EDITION OF THE FIRST GERMAN JOURNAL OF PHYSIOLOGY, founded by the neuroanatomist and psychiatrist Johann Christian Reil, discoverer of "Reil's island" in the brain (1796; Garrison-Morton-Norman 1387) and coiner of the term "psychiatry" (Garrison-Morton-Norman 4923). The *Archiv* attracted contributions from medical and scientific writers throughout Europe, including A. A. Fourcroy, Everard Home, W. C. Cruikshank, Georges Cuvier, Astley Cooper and Benjamin Collins Brodie. Reil himself contributed numerous articles to the *Archiv* between 1796 and 1812 on such subjects as medical semeiology, brain anatomy and the polarity of forces in the pregnant uterus. One of his best-known contributions was his "Von der Lebenskraft" ("On vital force" Garrison-Morton-Norman 596), published in the first volume (pp 8-162). Between 1807 and 1812 Reil published in the *Archiv* a series of important papers on cerebral anatomy, based on his dissections of the alcohol-fixed brain. These included descriptions of the nucleus (a concept Reil introduced), the lenticular nuclei and lemniscal system, as well as the "island" that now bears his name. Haymaker & Schiller *Founders of Neurology* (2nd ed) pp 62-66; Garrison *History of Neurology* pp 141-44; Garrison-Morton-Norman 596; See also Meyer *Historical Aspects of Cerebral Anatomy* pp 25-30, 111-13 and 125-28.

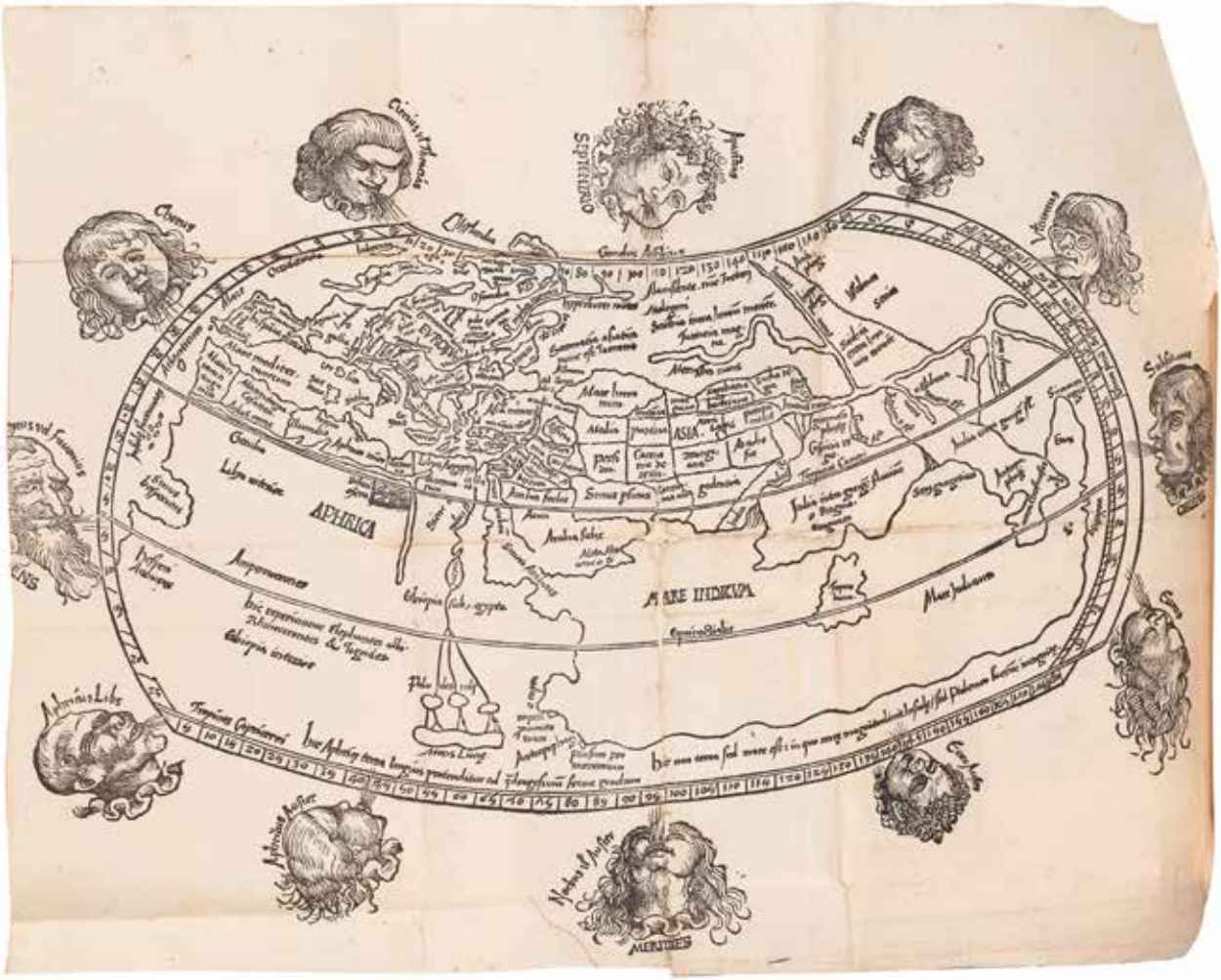
$1,000 - 1,500

114
REISCH, GREGOR. 1470-1525.
Margarita Philosophica. Basel: Michael Furter and Johann Schott, 1508. 4to (213 x 149 mm). Title printed in red and black with large hand-colored woodcut vignette by Master DS, 22 full-page woodcut illustrations by Urs Graf, and other Strassburg artists, one large folding WOODCUT WORLD MAP, 2 folding diagrams, printed music, numerous woodcuts and diagrams in text, red initials paragraph marks and capital strokes, P3 and P4 duplicated in contemporary manuscript. Contemporary calf backed wooden boards, two brass claps (one detached and laid in) more then 20 small leather tabs. Minor worming at beginning, light soiling to title, folding map with small repairs on verso affecting some tiny printed areas.

Third authorized edition of the *Margarita philosophica* first published in 1503 by Joannes Schott, this was "the first modern encyclopedia to appear in print" (Smith, *Rara arithmetica,* p 83), and one of the most widely used textbooks for university students throughout the sixteenth century. The work proved so popular that the Strasbourg printer Grueninger produced an unauthorized second edition in February 1504; "Schott retaliated with the third on 16 March 1504, and the fourth (in partnership with Furter) at Basle on 17 Feb 1508 with Schott's original cuts" (Davies, *Catalogue of Early German Books in the Library of C. Fairfax Murray,* p 570). Ferguson's bibliography of the *Margarita philosophica* describes this edition as the third "genuine" edition. The twelve books of the *Margarita philosophica* cover the subjects essential to a 16th-century university education: Grammar, dialectic, rhetoric, arithmetic, music, geometry, astronomy, natural philosophy, the origin of natural objects, psychology [De anima], logic and ethics. The book's woodcuts include "the oldest printed illustration of the structure of the eye" (Choulant, p 80), an early depiction of the brain, and a remarkable Ptolemaic world map reflecting recent developments in geographical knowledge. "A caption across the traditional spit of land adjoining Africa to Asia acknowledges (in Latin) the disappearance of the classical world concept: "Here is not land but sea, in which there are such islands not conceived by Ptolemy' ... it is unclear whether the reference is to the sea route to India, or to the finding of the West Indian islands by Columbus, or both" (Shirley, *Mapping of the World,* p 21). Schott's 1508 edition largely reuses the woodcuts from his earlier editions, but the title is completely new, as are the illustrations of the Baculus Jacob on leaf q5v and the bath on leaf C6v. Alden and Landis 504-2;BM-STC 731; Sabin 69125; Shirley 22 (Reisch 1); VD 16, R 1036.

BOUND WITH: SÜNZEL, FRIEDRICH. FL. LATE 15TH CENTURY. *Collecta et exercitata in octo libros phisico(rum) Aristotelis in almo studio Ingolstadiensi.* Hagenau, Hch. Gran for Joh. Rynman, 11 May 1499. 4to, Gothic type, 48 lines. *FIRST EDITION* of Sünzel's *Collections and Exercises ... on the Eight Books of the Physics of Aristotle*. "Not much is known about Sünzel other than that he was a 'master' at the University of Ingolstadt, and it appears that this book arose from a teaching context, as it begins with an index to the contents of the book ('given that students have variable powers of memory, ...'). Sünzel also lists the founders of philosophy, provides anatomical details of the head and refers to the Parisian articles condemned in 1277" (Cunningham, *Natural Philosophy Epitomised...*). According to a note in GW this is the first time the word "cunabulis" = incunabulum is used in print (a1 line 11) See also *Gutenberg Jahrbuch* volume 10, 1926. BMC III, 686; BSB-Ink S 607; GW M-44560; Goff S 869; HC 15186.

$20,000 - 30,000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MERIDIES

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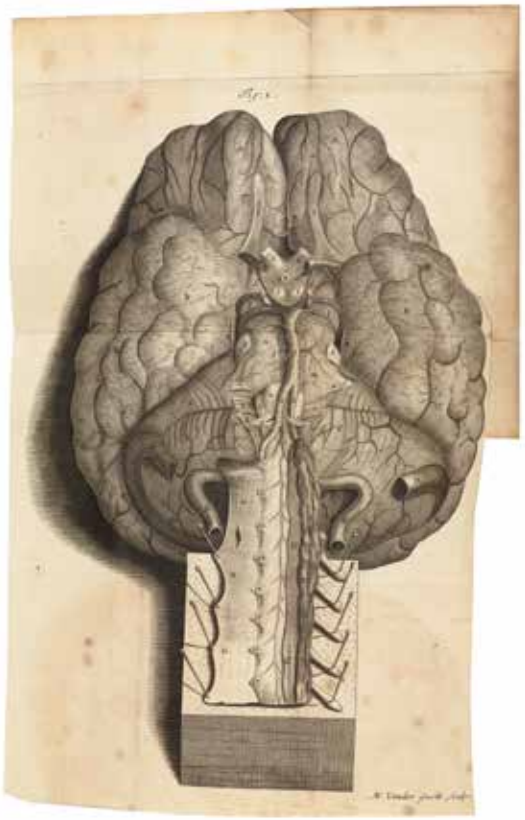
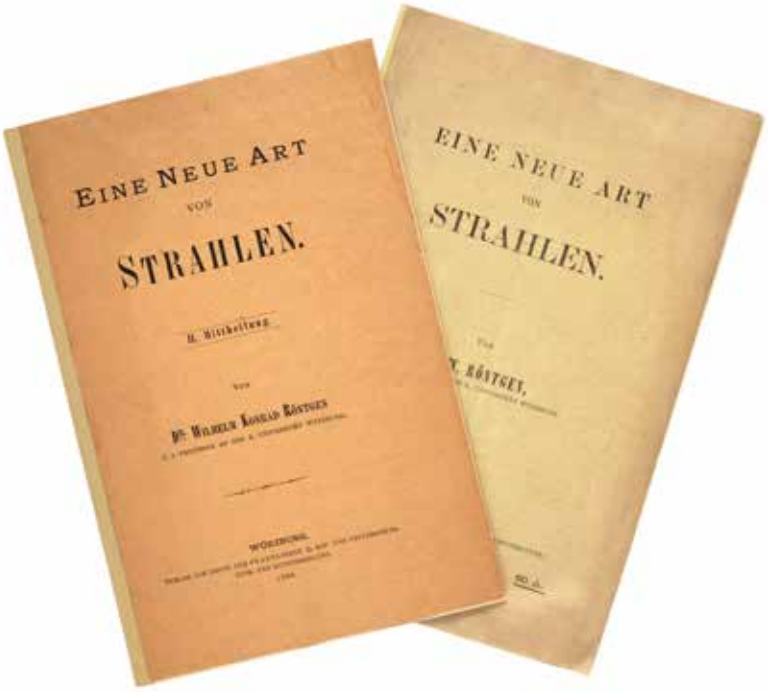


115



116

115
RIDLEY, HUMPHREY. 1653-1708.
The Anatomy of the Brain. London: Sam Smith and Benjamin Walford, Printers to the Royal Society, 1695.
8vo (189 x 116 mm). 5 folding plates. Modern calf antique., spine gilt, upper joint starting, plates trimmed closely, tears to three plates.

FIRST EDITION of the first monograph in English devoted entirely to the brain. "This is an excellent book. In it Ridley gives the first account of the circular venous sinus which he names. He also gives the first English account of a pineal tumour" (Russell). Ridley "gave anatomical reasons for doubting whether the soul was more seated in the brain than in the body at large" (DNB). The cooper plates were engraved by van dre Bucht, from drawings by the great anatomist and surgeon William Cowper. Garrison-Morton-Norman 1379.1; Norman 1833; Russell *British Anatomy* 699; Wing R-1449.

$6,000 - 9,000

116
RÖNTGEN, WILHELM KONRAD. 1845-1923.
"Über eine neue Art von Strahlen. (Vorlaufige Mittheilung)." WITH: "Eine neue Art von Strahlen. II. Mittheilung." Offprints from: *Sitzungsberichten der Wurzburger Physik-medicinischen Gesellschaft*. Würzburg: Stahl, 1895-1896.
2 volumes. 8vo. Publisher's printed wrappers, modern quarter morocco and cloth clamshell box. Spine edges reinforced, light soiling and wrinkling of wrappers, vertical fold crease through first volume.

RÖNTGEN'S FIRST COMMUNICATION OF THE DISCOVERY OF THE X-RAY. The most important contribution to medical diagnosis in a century, and the key to modern physics, Röntgen's paper was in immediate demand; there were five separate printings in six issues in the space of two months. The follow-up announcement, published a year later, introduces a scale for measuring X-ray intensity and an improved tube. Cushing R 193-94; Dibner 162; [Le Fanu] *Notable Medical Books* 239; Garrison-Morton-Norman 2683; Gernsheim 517-18; Horblit 90; Klickstein *Roentgen* pp 24-30 & entries III.2 & .10; Osler 1700; PMM 380; Waller 8078 & 8083.

$6,000 - 9,000

117
ROSTINI, PIETRO AND LODOVICO. Fl. 16th century.
Compendio di tutti la cirugia, utilisimo ad ogni studioso di quella. et sopramodo necessario. Con i dissegno de gli instrumenti àquest' arte piuche necessari. Venice: Lodovico Avanzi and brothers, 1557.
Small 8vo (145 x 96 mm). Printer's device on title. Later limp vellum. Partially erased library stamp on title, some dampstaining from top edge, ink and colored pencil notations throughout, especially to final blank, scattered browning and minor soiling.

FIRST EDITION of this treatise on surgery by the brothers Petro and Lodovico Rostini. Several later editions followed, with some additions by Borgaruccio Borgarucci and Ludovico Fioravanti. Rare, and not included most bibliographies. Durling 3951.

$1,000 - 1,500

COMPENDIO
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Vtilissimo ad ogni studioso di quella,
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Con gratia & Priuilegio.
IN VENETIA, Appresso Lodouico Auanzo
& Fratelli. M D L V I I.

117

118
RUYSCH, FREDERIK. 1638-1731.
Epistola problematica prima. Amsterdam: Johann Wolters, 1696-1704.
15 parts in 1 volume. 4to (250 x 183 mm). 19 engraved plates (9 folding). 19th century half vellum and mottled boards, edges untrimmed. Rubbed, later tape label applied to spine, chipping to edges and corners of boards, fingermarks and a few ink notations, minor spotting.

FIRST EDITION. Dutch anatomist Ruysch's series of publications address difficult points in anatomy and pathology, submitted by various other authors to Ruysch, along with his replies, each illustrated with detailed engraved plates. Ruysch was a pioneer of injection techniques of the coronary arteries to obtain highly visible detail in his specimens. Osler 2869; Wellcome IV, 597-598.

$800 - 1,200

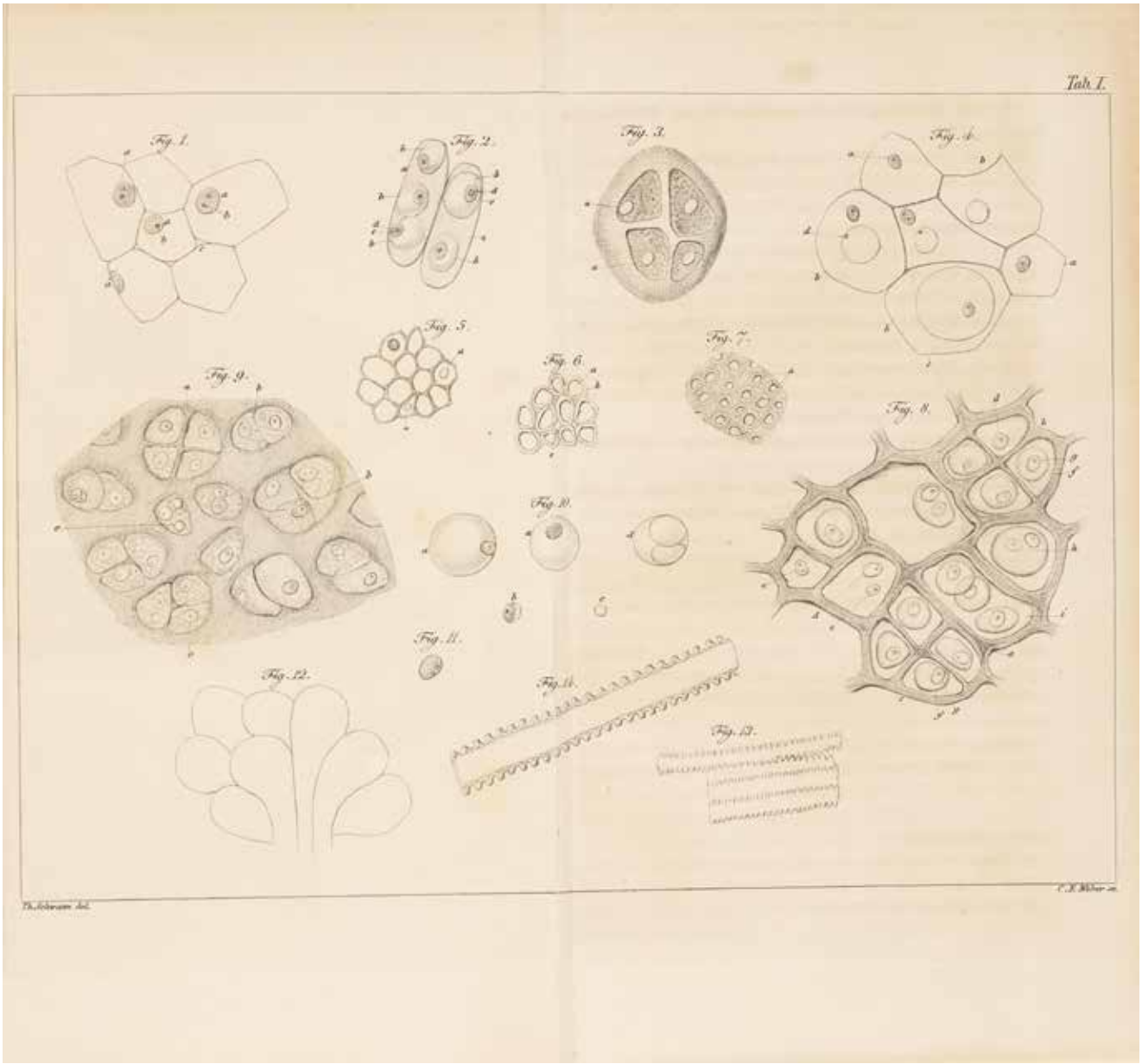
118

119
SANTORINI, GIOVANNI DOMENICO. 1681-1736.
Anatomici summi septemdecim tabulae quas nunc primum edit atque explicat iisque alias addit de structura mammarum et de tunica testis vaginali. Parma: [Giambattista Bodoni for] Regia typographia: 1775.
Folio (358 x 243 mm). Engraved portrait, 21 engraved plates, each with an outline key plate preceding it. Contemporary mottled sheep, spine gilt in 7 compartments, red morocco lettering piece on spine, marbled endpapers. A bit rubbed, some chipping and worming to spine, front hinge cracking, light foxing.

FIRST EDITION, of the work that outlines the four discoveries that bear the author's name: Santorini's cartilage, Santorini's vein, Santorini's duct, and Santorini's caruncula. This was the only significant medical book printed by the famous Parmese printer Giambattista Bodoni. Choulant-Frank 262; Garrison-Morton-Norman 399.1; Norman 1888; Waller 8476.

$2,000 - 3,000

119



120

SCHWANN, THEODOR. 1810-1882.

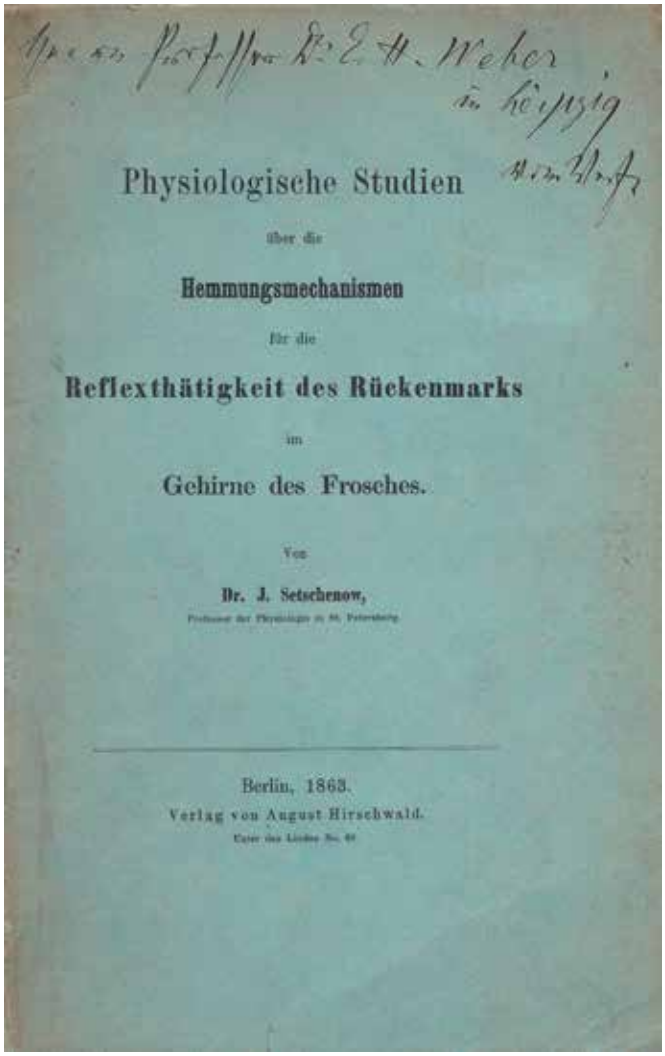
Mikroskopische Untersuchungen uber die Ubereinstimmung in der Struktur und dem Wachsthum der Thiere und Pflanzen. Berlin: Sander'schen Buchhandlung (G. E. Reimer), 1839.

8vo (200 x 120 mm). 4 folding engraved plates by C. E. Weber after Schwann. (Plates foxed.) Contemporary marbled boards, gilt lettered red calf lettering-piece; morocco backed folding case. Minor wear to corners, slight staining to folding plates.

FIRST EDITION of the first groundbreaking study of the cell as the basis of life. "The cell theory was a keystone of modern biology and, with its advent, the biological sciences began a period of rapid ascendancy" (Heirs). Schwann based his observations on Schleiden and "took the latter's investigation one vital step further by declaring [... in this treatise] that the cell was the universal unit of life throughout the animal and vegetable kingdom" (PMM). Dibner *Heralds of Science* 197; Garrison-Morton-Norman 113; Grolier/Horblit 93a; Grolier *Medicine* 62; *Heirs of Hippocrates* 1754; PMM 307b; Waller 11002; Norman 1914.

$8,000 - 12,000

121



122

121
SCULTETUS, JOHANNES. 1595-1645
Cheiroplotheke, seu armamentarium chirurgicum XLIII. Ulm: Balthasar Kühnen, 1655.
Folio (350 x 226 mm). Title printed in red and black with printer's woodcut device, 43 engraved plates (38/34 misnumbered and bound in after plate 33). Early vellum, spine worn and repaired. Some light browning, plate 41 with small paper flaw, a few marginal tears.
Provenance: Luebeck, City Library (ink stamp on duplicate stamp on verso of title).

FIRST EDITION of Scultetus's Armamentarium, and the only edition in folio, "... a complete catalogue of all known surgical instruments of the period, of the methods of bandaging and splinting, and of a vast number of operative procedures ... the most widely published illustrated treatise on surgery of the seventeenth century" (Norman 1912). Garrison-Morton-Norman 5571; *Heirs of Hippocrates* 466; Waller 2376.

$4,000 - 6,000

122
SECHENOV, IVAN MIKHAILOVICH. 1829-1905.
A group of three publications.
1. *Refleksy golovnago mozga*. [Reflexes of the Brain.] St. Petersburg: A. Golovachov, 1866. Small 8vo (180 x 117 mm). Contemporary quarter cloth and marbled boards. Spine sunned, rubbed, some cracking to joints at bottom, hinges reinforced, some scattered spotting. *FIRST EDITION IN BOOK FORM*.
2. *Fiziologiia nervnoi sistemy*. [The Physiology of the Nervous System.] St. Petersburg: [A. Golovachov], 1866. 8vo. (208 x 142 mm). 1 lithographic plate. Contemporary quarter sheep and mottled boards. Rubbed, library label on front paste-down, fingermarks and scattered spotting. *FIRST EDITION*.
3. *Physiologische Studien über die Hemmungsmechanismen*. Berlin: August Hirschwald, 1863. 8vo (232 x 150 mm). Illustrations in text. Publisher's printed pale blue wrappers. A bit soiled, chipping to edges.
Provenance: Presentation copy inscribed by the author to E.W. Weber.

Sechenov's work spanned physiology, neurology, and animal and human behavior. His studies of reflex actions influenced Pavlov, and his studies of the physiology of the brain were highly important.

$1,000 - 1,500

123

124

125

123
SEVERINO, MARCO AURELIO. 1580-1656.
De recondita abscessuum natura. Naples: Ottavio Beltrano, 1632.
Small 4to (183 x 122 mm). Engraved title page, 13 full-page engraved illustrations. Later vellum, titled in gilt on spine. Corners bumped, some soiling to covers, margins trimmed to edges of title engraving and touching some footers, lacking leaf Z4, with a few adjacent leaves loose, scattered ink marginalia, browning.

FIRST EDITION, featuring the first published illustration of hydrocephalus. Garrison-Morton-Norman 2273; Krivatsy 11055; Norman 1932.

$1,200 - 1,800

124
SOEMMERRING, SAMUEL THOMAS VON. 1755-1830.
Dissertatio inauguralis anatomica de basi encephali et originibus nervorum cranio egredientium. Gottingen: Widow of Abram Vandenhoek, 1778.
4to (240 x 192 mm). 4 folding engraved plates. 20th century half red-brown morocco and marbled boards. Spine sunned, title page re-margined at lower edge, library stamps on all 4 plates, scattered foxing.
Provenance: Royal Medical Society of Edinburgh (stamps on plates).

FIRST EDITION of Soemmerring's doctoral thesis, and his first anatomical publication relating to the brain. "The first accurate enumeration of the 12 cranial nerves, superseding that of Willis. Soemmerring is notable for his accuracy in anatomical illustration. This was his thesis. The same publisher issued an edition for commercial circulation the same year, deleting 'Dissertatio inauguralis anatomica' from the title" (Garrison-Morton-Norman 1383). Blake 424; Garrison *Neurology* 519 and 93; Waller 9044.

$2,000 - 3,000

125
ROYAL ACADEMY OF SURGEONS.
Mémoires de l'Académie royale de chirurgie. Paris: P. A. Le Prieur 1743-1753.
4 vols. 8vo (162 x 95 mm). 23 folding plates. Contemporary calf, rebacked, spines with 5 raised bands, morocco gilt lettering pieces. Rubbed, some chipping to cover corners, library stamps, staining, ink notations to front flyleaves.
Provenance: Charing Cross Hospital Medical School (labels on front free endpapers, withdrawal stamps on verso of title pages).

FIRST EDITION. This journal forms a collection of writings by many of the most prominent French surgeons of their era. The *Académie royale de chirurgie* was established in 1731, and was merged with the *Société royale de médecine* in 1820 under King Louis XVIII, to form the *Académie royale de médecine*. That organization remains active today, albeit renamed the *Académie Nationale de médecine*. Garrison-Morton-Norman 3248, 4163, and 5829.

$800 - 1,200

126
SYDENHAM, THOMAS. 1624-1689.
Observationes medicae circa morborum acutorum historiam et curationem. London: Andrew Clark for Walter Kettilby, 1676.
8vo (176 x 112 mm). Portrait frontispiece. Contemporary calf. Joints cracked, heavy chipping around spine, burn mark to top edge of portrait leaf, scattered spotting.

FIRST EDITION of Sydenham's revised book, drawn from his 1666 publication *Methodus curandi febres*, and essentially a third edition of the previous title. This updated version is considerably enlarged, and includes his observations on epidemics that occurred between 1661 and 1675, making it a fundamental work on epidemiology. Garrison-Morton-Norman 2198; Grolier Medicine 35; *Heirs of Hippocrates* 549; Krivatsy 11627; Norman 2038; Osler 994; Waller 9402; Wing S-6314.

$800 - 1,200

127
TULP, NICOLAES. 1593-1674.
Observationum medicarum libri tres. Amsterdam: Lodewijk Elzevir, 1641.
8vo (158 x 94 mm). 15 engraved illustrations (14 full-page), engraved frontispiece to second part. Old vellum. Some soiling and staining to covers, light spotting and browning.

FIRST EDITION. This compendium of case studies concludes with a description of an "orang-outang" (in fact an Angolan ape), which was brought to Europe during Tulp's time. Nicolaes Tulp was a Dutch surgeon and mayor of Amsterdam. His inclusion in a painting by Rembrandt ensured his place in history, but Tulp is also remembered for signing the fitness reports for the first Dutch settlers on the island of Manhattan, and for writing, with some doctor and chemist peers, the first pharmacopoeia of Amsterdam, *Pharmacopoea Amstelredamensis* (1636). Garrison-Morton-Norman 3737; Krivatsy 12007; Norman. 2114; Willems 980.

WITH: *Observationes medicae editio nova.* Amsterdam: Daniel Elzevir, 1672. 8vo (159 x 100 mm). Portrait of Tulp, 20 engraved plates. Contemporary vellum. Text block completely detached from binding, soiling to covers, some foxing, mostly even browning throughout. A later edition of the work above, the third Elzevir edition. Krivatsy 12009; Willems 1481.

$1,000 - 1,500

128
VALVERDE DE HAMUSCO, JUAN DE. Ca 1520-1588.
Anatome corporis humani. Venice: Guinta, 1589 (colophon: 1588).
Folio (310 x 213 mm). Engraved title with elaborate architectural border incorporating skeletons, anatomical lectures halls and a tiny view of Venice, engraved portrait (following preface) and 46 full-page engraved illustrations in text. Contemporary blindstamped pigskin over pasteboards, stamped in silver "MIF" on upper panel, some rubbing and a few clean cuts; Q2 and Bb2 torn and repaired, occasional some dampstaining.
Provenance: MIF (stamp on upper cover); Reichsgräfliche Schaffgotsch'sche Majoratsbibliothek (ink stamp on title); Dr. Steudner (small ink stamp on title and corner of first leaf).

FIRST LATIN EDITION, probably the best Vesalius adaptation. Valverde, a Spanish physician, studied anatomy at the University of Padua under Vesalius and Realdo Colombo. "Valverde based his illustrations on Vesalius, although he offered fifteen new ones and improved Vesalius' with copperplates engraved by Gaspar Beccera; he also made more than sixty corrections and additions to Vesalius' work, including the description of the stapes of the ear, the short palmar muscle, the human uterus, and in particular the true nature of the cardiac septum. Arturo Castiglioni stated that Valverde's *Historia* was the most widely read and studied book of the Renaissance" (DSB). Durling 453; Choulant-Frank pp 207-08; Wellcome I, 6479.

$3,000 - 4,000

126

127

128

129

VESALIUS, ANDREAS. 1514-1564.

De humani corporis fabrica libri septem. Basel: Johannes Oporinus, June 1543.

Folio (411 x 270 mm). Collation: $*^6$; A-Z^6 a-l^6 m^6(2+1 + fold-out sheet, both signed m3) n-o^6 p^4(3 + fold-out sheet signed p4) q-z^6 Aa-Ll^6 Mm^8. 355 leaves and two folding sheets. Roman and italic types, occasional use of Greek and Hebrew types, printed shoulder notes. Woodcut pictorial title, author portrait, and printer's device; 7 large, 186 mid-sized, and 22 small woodcut initials; more than 200 woodcut illustrations, including 3 full-page skeletons, 14 full-page muscle-men, 5 large diagrams of veins and nerves, 10 mid-sized views of the abdomen, 2 mid-sized views of the thorax, 13 mid-sized views of the skull and brain, and numerous smaller views of bones, organs and anatomical parts. 17/18th-century calf, ruled and stamped in blind; morocco folding case. Lower joint and spine ends neatly repaired. Some light browning and staining.

Provenance Haskell F. Norman (bookplate).

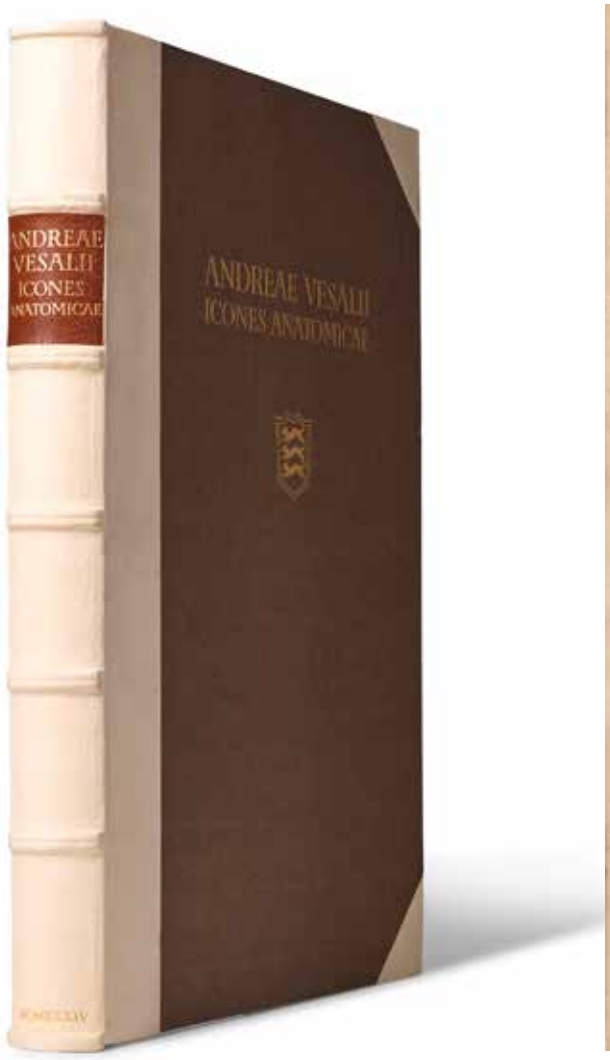
FIRST EDITION, AND THE FOUNDATION OF THE ACCURATE STUDY OF HUMAN ANATOMY. "THE MOST FAMOUS ANATOMICAL WORK EVER PUBLISHED ... AND THE MILESTONE IN MEDICAL HISTORY" (*Heirs*) "The *Fabrica* revolutionized not only the science of anatomy but how it was taught. Throughout this encyclopedic work on the structure and workings of the human body, Vesalius provided a fuller and more detailed description of the human anatomy than any of his predecessors, correcting errors in the traditional anatomical teachings of Galen. Even more epochal than his criticism of Galen and other ... authorities was Vesalius's assertion that the dissection of cadavers must be performed by the physician himself. As revolutionary as the contents of the *Fabrica* and the anatomical discoveries which it published, was its unprecedented blending of scientific exposition, art and typography" (GM).

Adams V-603; Choulant-Frank, pp 178-80; Cushing VI.A.-1; Dibner *Heralds of Science* 122; Garrison-Morton-Norman 375; Grolier/Horblit 98; Grolier Medicine 18A; *Heirs of Hippocrates* 281; Norman 2137; PMM 71.

$200,000 - 300,000

ANDREAE VESALII
BRVXELLENSIS, SCHOLAE
medicorum Patauinæ professoris, de
Humani corporis fabrica
Libri septem.
CVM CAESAREAE
Maiest. Gallarum Regis, ac Senatus Veneti gra-
tia & priuilegio, ne in diplomatis eorundem contineatur.

BASILEAE.



130

131

130
VESALIUS, ANDREAS. 1514-1564.
Icones Anatomicae. Munich: The Bremer Press for the New York Academy of Medicine and the University of Munich Library, 1934 [i.e., 1935].
Large folio (527 x 381 mm). 277 illustrations. Original publisher's half pigskin and boards by Frieda Thiersch, upper cover and spine gilt-lettered, uncut; clamshell box.

LIMITED EDITION, number 71 of 615. All but 50 of the illustrations were printed from Vesalius's original woodcut blocks. The surviving blocks were subsequently destroyed during the bombing of Munich in World War II. A fresh and flawless copy. Cushing V110; Cushing Vesalius VI.A.-16; *Heirs of Hippocrates* 289; Norman 2145; Waller 9907.

$3,000 - 5,000

131
THE "PSEUDO-VESALIUS."
BORGARUCCI, PROSPERO. B. 1540. *Chirurgia magna in septem libros digesta....* Venice: Officina Valgrisiana, 1568.
8vo (163 x 103 mm). Woodcut printer's device on title, repeated on verso of final blank, 23 full-page woodcut illustrations, woodcut initials. Re-cased in contemporary vellum, inked titles on spine. Soiling and warping to covers, paper repair to title page with some text losses, a few other paper repairs.

FIRST EDITION, FIRST ISSUE, with both title and colophon dated 1568, and preface dated September 1568. This work is sometimes referred to as "Pseudo-Vesalius," as the attribution to Vesalius was doubtful at first, and ultimately proven false. (See Cushing, *Vesalius*, p 216). Borgarucci became professor of anatomy at Padua the year that Vesalius died, and claimed three years later to have discovered this work as an unpublished Vesalius manuscript. He "edited" and published the work, but it contained blatant errors, including references to works published after Vesalius's death. Cushing B501; Durling 4576; Osler 588; Wellcome I, 985.

$3,000 - 4,000

132

133

132
VICQ D'AZYR, FELIX. 1748-1794.
Traite d'antomie et de physiologie. Paris: Didot l'aine, 1786.
Folio (470 x 302 mm). Colored aquatint frontispiece, 35 plain (outline) and 34 hand-colored engraved plates, publisher's prospectus inserted at front. 19th-century quarter calf and marbled boards. Covers rubbed, corners bumped, errata slip laid down to p 17, scattered spotting.
Provenance: Dr. Paul Guilly, Paris (bookplate).

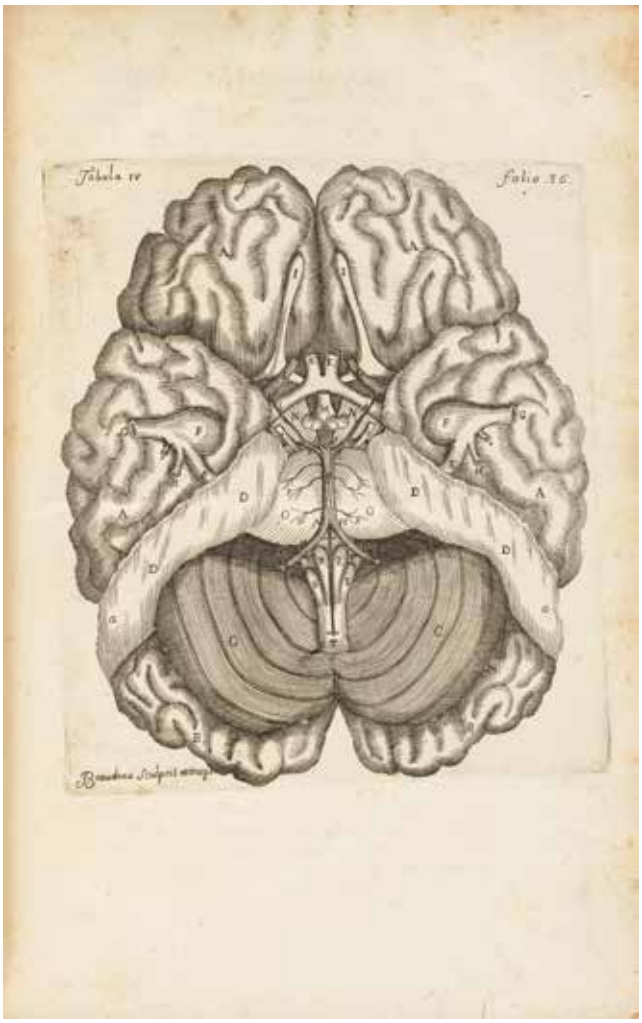
FIRST EDITION of this major treatise on neuroanatomy of the brain, by the eminent French anatomist Felix Vicq d'Azyr. He was Marie-Antionette's first doctor, and a pioneer of comparative anatomy. His illustrations were the most precise published prior to the advent of microscopy and the staining of tissues. The dedication to Louis XVI contains a tribute to the American revolution ("Louis XVI, to whom thirteen states of the New World owe their freedom..."). Garrison-Morton-Norman 401.2; *Heirs of Hippocrates* 1073; Norman 2150; Waller 9953.

$8,000 - 12,000

133
VIEUSSENS, RAYMOND DE. 1641-1715.
Neurographia universalis. Lyons: Jean Certe, 1684.
Folio (325 x 221 mm). Title page in red and black with engraved publisher's monogram, Engraved arms of Cardinal Pierre de Bonsy before dedication page, 29 engraved illustrations highlighted in hand-coloring (including 7 full page, 5 double-page and 11 folding). 18th century calf, rebacked retaining original covers and most of spine. Rubbed, lacking portrait frontispiece, some ink notations, marginal worming through inner margins of last few leaves.

FIRST EDITION. Vieussens, professor of Montpellier, was "the first to describe the centrum ovale correctly," and his *Neurographia universalis* "threw new light on the subject of the configuration and structure of the brain, spinal cord, and nerves. With numerous large folding copperplates, it is considered the best illustrated work on the nervous system printed in the 17th century" (Garrison-Morton-Norman 1379). *Heirs of Hippocrates* 641; Krivatsy 12403; Norman 2153; Osler 4171; Waller 9961.

$2,000 - 3,000



134

135

134
VIEUSSENS, RAYMOND DE. 1641-1715.
Neurographia universalis. Lyons: Jean Certe, 1685.
Folio (336 x 225 mm). Engraved portrait frontispiece, title page in red and black with engraved printer's device, engraved arms of the dedicatee, Pietro de Bonsy, 24 engraved plates (16 folding) and 8 engraved illustrations in text. 18th-century calf, spine gilt in compartments with 6 raised bands. Joints starting, corners and spine ends bumped and chipped, scattered spotting and browning.
Provenance: Herbert McLean Evans (American anatomist, 1882-1971, bookplate).

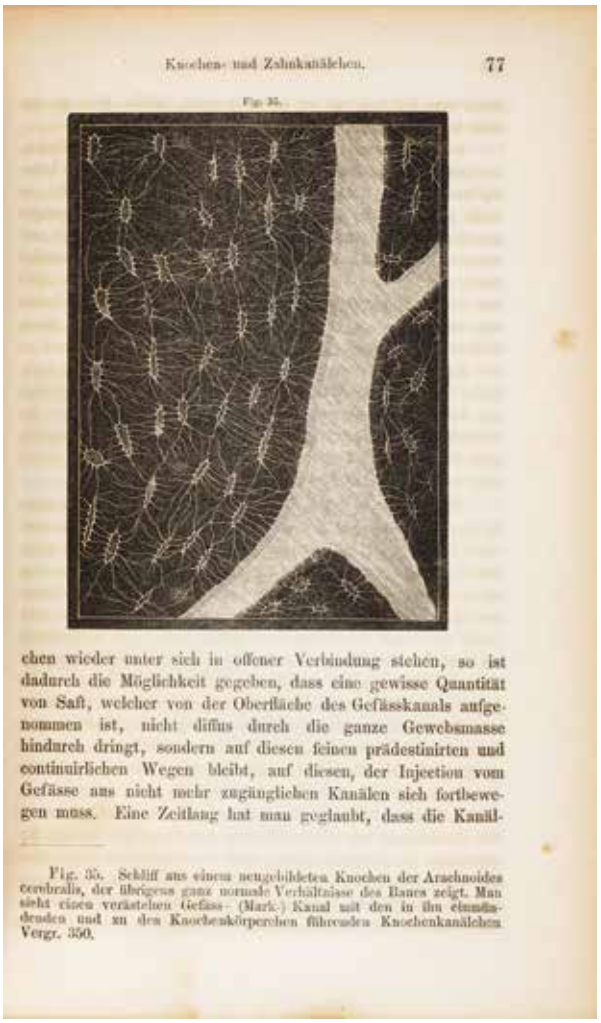
FIRST EDITION, SECOND ISSUE, with title page dated 1685 instead of 1684. Vieussens' masterpiece, still considered one of the most complete and accurate descriptions on the nervous system written in the 17th century. "The best illustrated neurological monograph of the seventeenth century ... He showed the spinal cord to be an independent structure, and his elucidation of the fine structure of the cerebellum (including the discovery of the dentate nuclei) surpassed all previous descriptions" (Norman 2152, on the 1684 edition). Cushing V135; Garrison-Morton-Norman 1379; *Heirs of Hippocrates* 641; Krivatsy 12403; Norman 2152 (1684 edition); Wellcome V, 350.

$5,000 - 8,000

135
VIGO, JOHANNES DE. 1450-1525.
Practica in arte chirugica copiosa. Edited by Johannes Antracinus. Lyon: Jacobi Myt for Vincentii de Portonariis, 1516.
8vo (192 x 132 mm). Title printed in red and black with large woodcut printer's device stained red, printed in two columns, numerous woodcut initials. Modern vellum, spine ink lettered. Lower edge of title laid down, with minor loss to ownership inscription, a few shoulder notes slightly trimmed, some light browning.
Provenance: Johannes of Cologne (early ownership inscription on title and ink manuscript notes on 10 blank leaves at end "Ex pp. libris Joannis de Colonia ... et medicine doctris ordinarii Coloniensis).

Third edition (?) of the first complete system of surgery after that of Guy de Chauliac. "De Vigo introduced a novel approach for treating mandible dislocations and described a trephine he invented, as well as a number of new instruments. He had a broad spectrum of knowledge in surgery based in part on the ancient Greek and Arabic medical literature, but mainly on his personal experience. He contributed significantly to the revival of medicine in the sixteenth century and can be considered as a bridge between Greek medicine of antiquity, Arabic medicine, and the Renaissance. His *Practica* contains an account of gunshot wounds and a section on syphilis" (G&M). The book went through approximately 40 editions. This is one of the earliest obtainable editions. Durling 4607; See Garrison-Morton-Norman 5559.1; Wellcome I, 6610.

$3,000 - 5,000



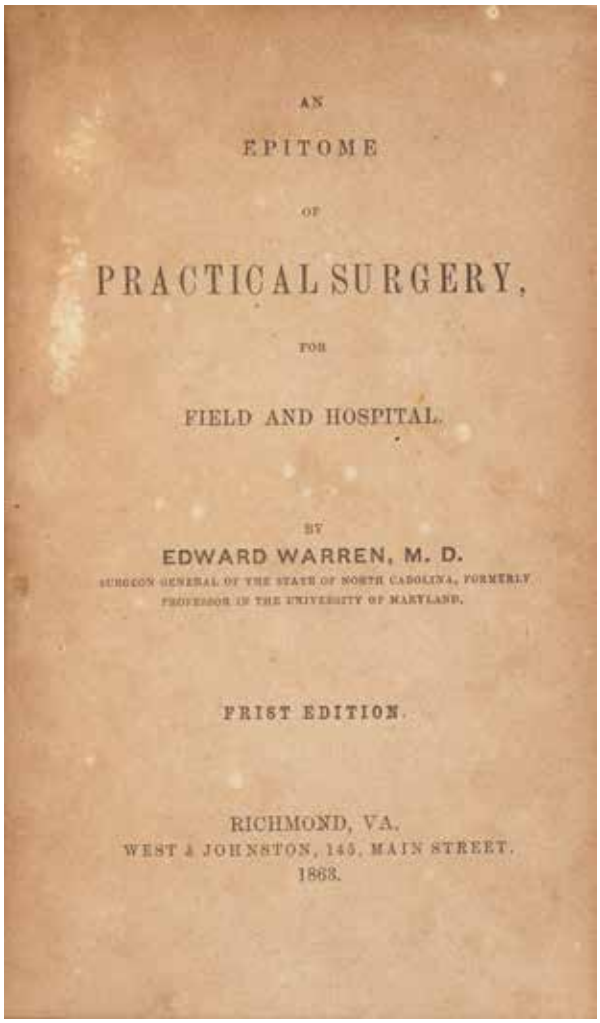
Knochen- und Zahnkanälchen. 77

Fig. 35.

chen wieder unter sich in offener Verbindung stehen, so ist dadurch die Möglichkeit gegeben, dass eine gewisse Quantität von Saft, welcher von der Oberfläche des Gefässkanals aufgenommen ist, nicht diffus durch die ganze Gewebsmasse hindurch dringt, sondern auf diesen feinen prädestinirten und continuirlichen Wegen bleibt, auf diesen, der Injection vom Gefässe aus nicht mehr zugänglichen Kanälen sich fortbewegen muss. Eine Zeitlang hat man geglaubt, dass die Kanäl-

Fig. 35. Schliff aus einem neugebildeten Knochen der Arachnoides cerebralis, der übrigens ganz normale Verhältnisse des Baues zeigt. Man sieht einen verästelten Gefäss- (Mark-) Kanal mit den in ihn einmündenden und zu den Knochenkörperchen führenden Knochenkanälchen. Vergr. 350.

136



AN

EPITOME

OF

PRACTICAL SURGERY,

FOR

FIELD AND HOSPITAL.

BY

EDWARD WARREN, M. D.

SURGEON GENERAL OF THE STATE OF NORTH CAROLINA, FORMERLY PROFESSOR IN THE UNIVERSITY OF MARYLAND.

FRIST EDITION.

RICHMOND, VA.
WEST & JOHNSTON, 145, MAIN STREET.
1863.

137

136
VIRCHOW, RUDOLF. 1821-1902.
Die Cellularpathologie in ihrer Begrendung auf physiologische und pathologische Gewebelehre. Berlin: August Hirschwald, 1858.
8vo (208 x 135 mm). Half-title. 144 wood engravings in the text, several white-on-black. Rebacked in quarter tan cloth and old marbled boards, original front wrapper applied to upper cover. Rubbed, damstaining to lower inside corners throughout, scattered spotting and browning.

FIRST EDITION OF THE FOUNDATION WORK OF CELLULAR PATHOLOGY AND "ONE OF THE MOST IMPORTANT BOOKS IN THE HISTORY OF MEDICINE" (GM). This work is a transcription of 20 lectures Virchow delivered at the new Pathological Institute in Berlin in February-April 1858. His research benefited from technical improvements in the microscope and in biochemical techniques. Virchow's work put the cell at the center of all study of disease, introducing the principle of "omnis cellula e cellula," that all cells originate from other cells, therefore the origin of any disease must be in the cells. Dibner, *Heralds of Science* 132; Garrison-Morton-Norman 2299; Grolier/Horblit 99; Grolier *Medicine* 69; *Heirs of Hippocrates* 1892; Norman 2156; Osler 1624; PMM 307c; Waller 9996.

$2,000 - 3,000

137
WARREN, EDWARD. 1828-1893.
An Epitome of Practical Surgery, for Field and Hospital. Richmond, VA: West & Johnston, 1863.
8vo (191 x 116 mm). Contemporary quarter green cloth and marbled boards, green paper lettering piece on spine. Boards heavily chipped at corners and edges, cloth rubbed and soiled, text leaves evenly browned throughout, ownership signature on front paste-down. *Provenance*: W.J. Roysten (ownership inscription).

FIRST EDITION, of this field manual for Confederate military surgeons of the Civil War. Warren was Surgeon General of North Carolina, and Medical Inspector of the Army of Northern Virginia. Crandall, 3044; Garrison-Morton-Norman 7812; Parrish and Willingham, 6145.

$1,000 - 1,500

138

138
WATSON, CRICK & THE DISCOVERY OF DNA.
2 landmark articles:

1. WATSON, JAMES DEWEY, and FRANCIS HARRY COMPTON CRICK, et al. 1916-2004. "Molecular Structure of Nucleic Acids." IN: *Nature,* Volume 171, No 4356, April 25, 1953. London: Macmillan & Co., 1953. Complete issue in original printed wrappers.
Provenance: Forensic Science Library, South Wales & Monmouthshire Area, Cardiff (stamp on front wrapper).
SIGNED & INSCRIBED BY FRANCIS CRICK at the article title and top margin.

2. WILKINS, M.H.F., et al. "Helical Structure of Crystalline Deoxypentose Nucleic Acid." IN: *Nature,* Volume 172, No 4382, October 24, 1953. [London: Macmillan & Co., 1953.] Complete issue in original printed wrappers. Wrappers partially detached.
Provenance: Institute of Cancer Research, Royal Cancer Hospital (stamp to front wrapper).

FIRST EDITION, JOURNAL ISSUE OF THE FIRST ANNOUNCEMENT OF THE DISCOVERY OF DNA'S STRUCTURE: THE SINGLE MOST IMPORTANT DEVELOPMENT IN BIOLOGY. Cambridge graduate student Francis Crick and research fellow James Watson enjoy the distinction of publishing the first article identifying and describing DNA. While they spent time developing a physical model to create an accurate picture of the molecule, their competitors at King's College, London, Maurice Wilkins and Rosalind Franklin, were involved in equally important research looking at x-ray diffraction images of DNA. Wilkins showed Franklin's research to Watson and Crick—apparently without her knowledge—which led the Cambridge team to suggest that the DNA molecule was made up of two chains of nucleotides, each a helix, one going up and one going down. Their model at last provided an explanation of the way DNA separates and replicates during cell division. Of these 2 foundational articles, the first paper, by Watson and Crick, identifies the double helix structure of DNA. The second paper by Wilkins, Stokes, Seeds and Wilson explains how the structure divides before mitosis so that each strand can act as a cell. Also featured in issue 4356 are: Maurice Wilkins, A.R. Stokes and H.R. Wilson, "Molecular Structure of Deoxypentose Nucleic Acid," pp 738-40 and Rosalind Franklin, "Molecular Configuration in Sodium Thymonucleate," pp 740-41. Garrison-Morton-Norman 256.3.

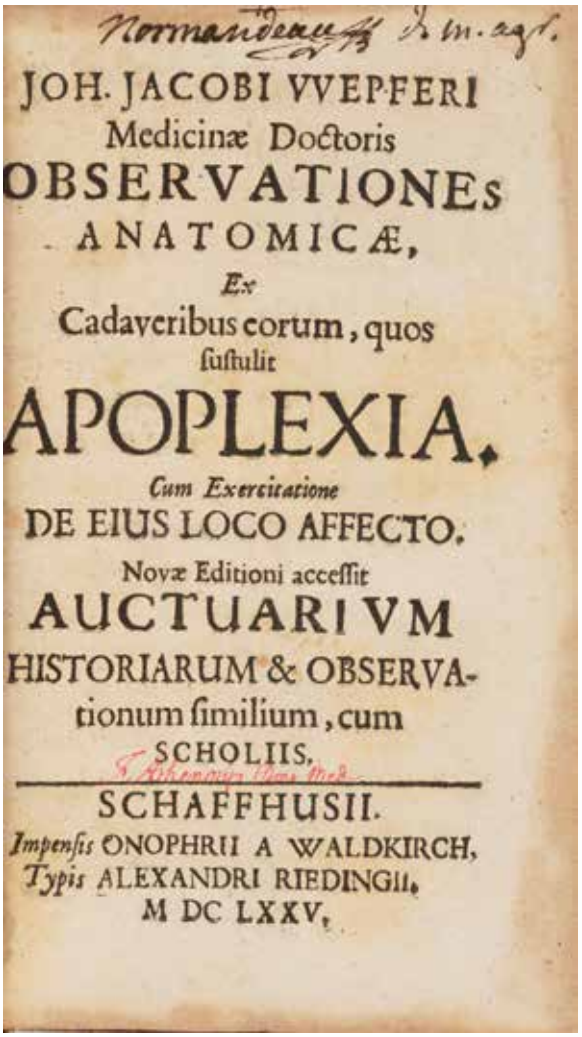
$1,000 - 1,500

139

139
WEPFER, JOHANN JAKOB. 1620-1695.
Observationes anatomicae, ex cadaveribus eorum, quos sustulit apoplexia. Schaffhausen: Johann Kaspar Suter, 1658.
8vo (153 x 93 mm). Woodcut illustration in text. Contemporary vellum, spine ink lettered.
Provenance: Haskell F. Norman Library of Science and Medicine (his sale Christie's New York Part 2, June 15, 1998, lot 849).

FIRST EDITION. Wepfer studied medicine at Basel, Strasburg and traveled extensively in Italy before graduating from Basel in 1647. In his *Observationes anatomicae* "Wepfer showed that apoplexy was a result of cerebral hemorrhage and described four cases with clinical and postmortem findings. He also clearly described the circular anastomosis of arteries at the base of the brain..?" (Heirs). Garrison-Morton-Norman 2703; *Heirs of Hippocrates* 534 (1675 edition); NLM/Durling 12950; Waller 10220; Norman 2203.

$5,000 - 8,000


Normandeaux ... m. aegr.

JOH. JACOBI WEPFERI
Medicinæ Doctoris
OBSERVATIONES
ANATOMICÆ,
Ex
Cadaveribus eorum, quos
sustulit
APOPLEXIA,
Cum Exercitatione
DE EIUS LOCO AFFECTO.
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tionum similium, cum
SCHOLIIS.
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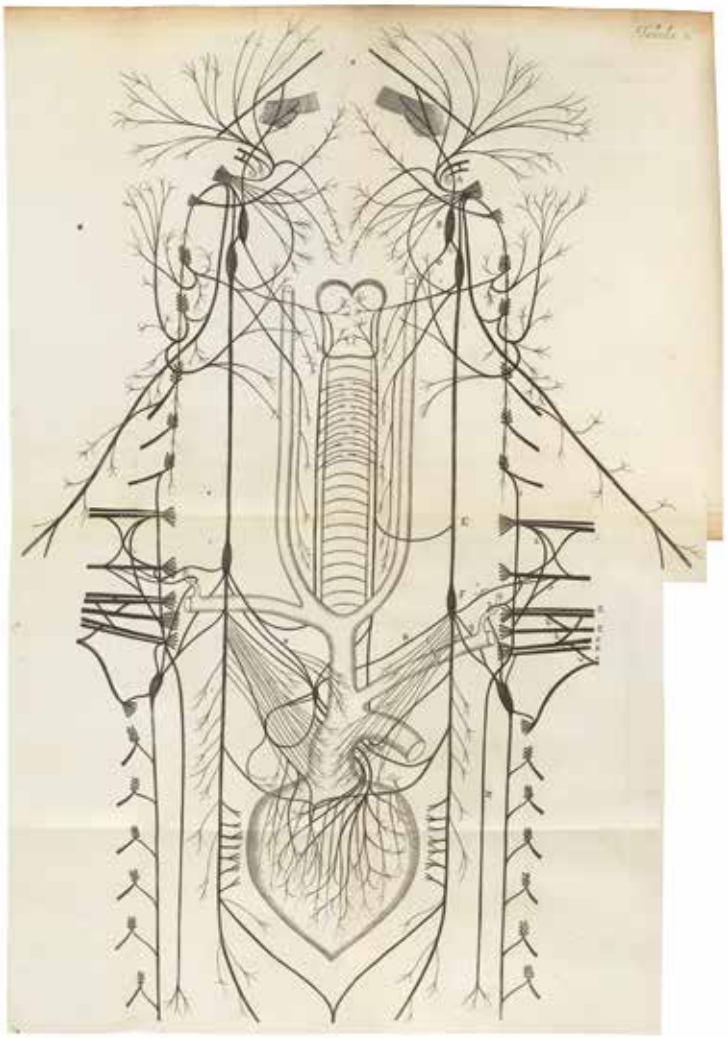


141

140
WEPFER, JOHANN JAKOB. 1620-1695.
Observationes anatomicae, ex cadaveribus eorum, quos sustulit apoplexia. Novae Editioni accessit auctuarium.... Schaffhausen: A. Riedingius for Onophrius a Waldkirch, 1675.
2 parts in one volume. 8vo (153 x 93 mm). Woodcut illustration in text. Contemporary calf spine glit. Some light browing and staining, paper flaw to V2 and V3 affecting a few letters.
Provenance: F. Athenosys (early ownership inscription and bookplate).

Second expanded edition. Wepfer studied medicine at Basel, Strasburg and traveled extensively in Italy before graduating from Basel in 1647. In his *Observationes anatomicae* "Wepfer showed that apoplexy was a result of cerebral hemorrhage and described four cases with clinical and postmortem findings. He also clearly described the circular anastomosis of arteries at the base of the brain...." (*Heirs*). See Garrison-Morton-Norman 2703; *Heirs of Hippocrates* 534; See Norman 2203.

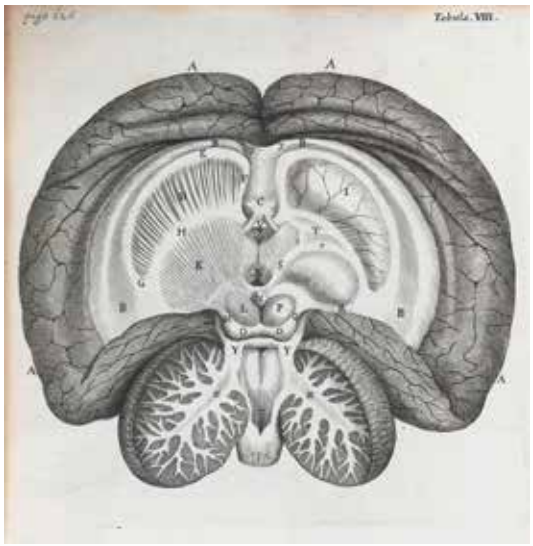
$1,000 - 1,500

141
WILLIS, THOMAS. 1621-1675.
WREN, CHRISTOPHER. Illustrator. *Cerebri anatome: cui accessit nervorum descriptio et usus.* London: Ja. Flesher, for Jo. Martyn, and Ja. Allestry, 1664.
4to (198 x 150 mm). 15 engraved plates (9 folding) after Christopher Wren. Contemporary vellum, modern quarter morocco clamshell box. Upper joint cracked, vellum soiled, some smudging and staining to page, a few marginal tears.

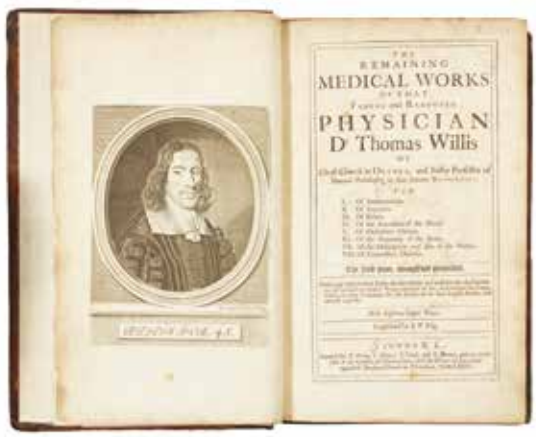
FIRST EDITION, RARE QUARTO FORMAT PUBLISHED WEEKS BEFORE THE MORE COMMON OCTAVO EDITION, of the "most complete and accurate account of the nervous system which had hitherto appeared, and the work that coined the term, 'neurology'" (Garrison-Morton-Norman 1378). The exacting illustrations are by famed British architect and draughtsman Christopher Wren. Called "the foundation document of the anatomy of the central and autonomic nervous systems" (DSB). Grolier *Medicine* 32A; *Heirs of Hippocrates* 538; Norman 2243.

$4,000 - 6,000

142



143



144

142
WILLIS, THOMAS. 1621-1675.
Pathologiae cerebri et nervosi generis specimen.... Oxford: James Allestry, 1667.
4to (196 x 150 mm). Engraved portrait frontispiece. Rebacked contemporary calf. Extensive repairs to covers, inked caption on portrait, ink doodles on title page and a few other pages, some light dampstaining, scattered browning and spotting.

FIRST QUARTO EDITION. "Willis gave one of the most extensive accounts of the whole field of mental illness which had appeared up to that time. He attributed "melancholy" or affective psychosis to "passions of the heart"; and "madness" or psychosis accompanied by thought disorder, delusions or hallucinations ... to "vice or fault of the Brain ... He is often credited with having first equated mind disease with brain disease" (Hunter & Macalpine, *Three Hundred Years of Psychiatry, 1535-1860*). Madan 2793; Wing W2841.

$1,500 - 2,500

143
WILLIS, THOMAS. 1621-1675.
De anima brutorum, quae hominis vitalis ac sensitiva est, exercitationes duae. Oxford: at the Theater for Richard Davis, 1672.
4to (195 x 152 mm). Imprimatur leaf before title, errata leaf and 5-page bookseller's catalogue at the end, 8 engraved plates. 18th-century blind-ruled speckled calf, spine with 4 raised bands. Joints cracked, lettering piece lacking from spine, hinges repaired with old printed leaves from another work, top margins closely trimmed, touching text on title page, lacking longitudinal half-title, first leaf of bookseller's catalog adhered to verso of errata leaf.

FIRST QUARTO EDITION, published shortly before the first octavo edition, in the same year, and thus the true first. Willis recognized the difference between the symptoms of gross brain disease and those of mental illness. Because he postulated a disturbance of the brain and nerves in terms of disordered "animal spirits" in the absence of pathological findings, he is often considered the first to have equated mind disease with brain disease. Also includes probably the earliest description of general paralysis, and the *Paracusis* of Willis. Norman 2244. Garrison-Morton-Norman 1544; Hunter & Macalpine, pp 187-92.

$2,000 - 3,000

144
WILLIS, THOMAS. 1621-75.
The Remaining Medical Works. London: for T. Dring, J. Leigh and S. Martyn, 1681.
BOUND WITH: *Pharmaceutice rationalis: Or, an Exercitation of the Operations of Medicines in Humane Bodies....* London: for T. Dring, J. Leigh and S. Martyn, 1679.
Folio (316 x 190 mm). 1st work with engraved frontispiece portrait and 17 engraved plates on 16 sheets, some of which are folding; second work with 14 engraved plates. Contemporary calf, rebacked. Occasional browning and light foxing, final leaf with repaired closed tear, apparently lacks two blanks, spine faded, general wear to covers. *Provenance:* Sion College Library (stamp to verso of title with deaccession notice).

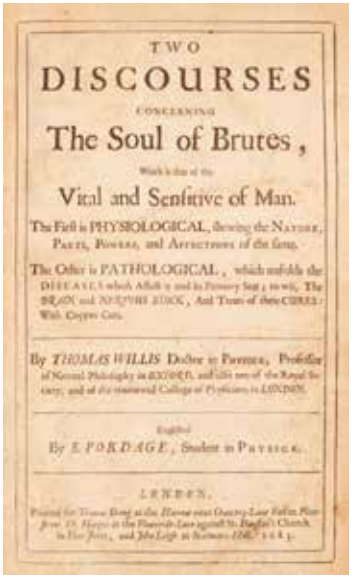
FIRST ENGLISH EDITION of Willis's collected works. The second title was Willis's last work and "deals with the anatomy and physiology of the thoracic and abdominal organs, and contains the first description of the superficial lymphatics of the lungs, the first clinical and pathological account of emphysema, and a clear and accurate description of pertussis (whooping-cough). The book also contains the first distinction between diabetes mellitus, characterized by glycosuria, from diabetes insipidus, in which sugar is not present in the urine" (Garrison-Morton-Norman 3926). Wing W2855A.

$1,000 - 1,500

145
WILLIS, THOMAS. 1621-75.
Two Discourses Concerning the Soul of Brutes, Which is That of the Vital and Sensitive of Man.... London: for Thomas Dring, Charles Harper and John Leigh, 1683.
Folio (318 x 191 mm). 8 engraved plates on 7 leaves. Contemporary paneled calf, rebacked. Title darkened and foxed, some dampstain mainly on final few leaves, reinforcement to the fore-edge of second plate, boads worn, corners renewed.

FIRST EDITION IN ENGLISH. Willis distinguishes between neurological disease and mental illness, postulating than humans have a "corporeal soul" akin to that of "brute" animals, and a "rational soul" that controls the higher functions. Garrison-Morton-Norman 1544 (first Latin edition).

$1,500 - 2,500

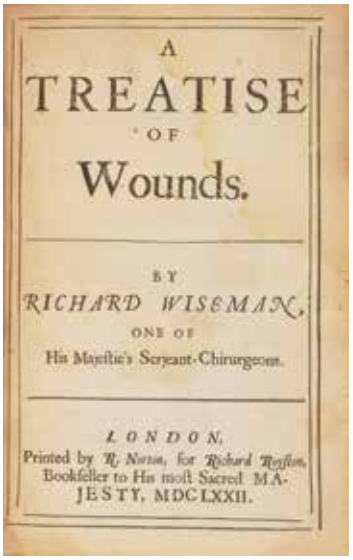

TWO
DISCOURSES
CONCERNING
The Soul of Brutes,
Vital and Sensitive of Man.
By THOMAS WILLIS Doctor in Physick,
By S. POKDAGE, Student in PHYSICK.
LONDON,

145

146
WISEMAN, RICHARD. C.1622-1676.
A Treatise of Wounds. London: R. Norton for Richard Royston, 1672.
8vo (171 x 109 mm). 2 parts in one volume. Contemporary sheep, rebacked, old spine laid down. Some staining.
Provenance: Francis Cornelius Webb (1826–1873) English physician and medical writer (armorial bookplate).

FIRST EDITION. During the English Civil War Wiseman gained experience as a military surgeon attending upon the Prince of Wales. He became surgeon to Charles II in 1672 and is credited as "the first of the really great surgeons who lifted the surgical profession from its state of subordination to the physicians" (DNB). Norman 2252; Wellcome, online; Wing W-3110 (second edition).

$2,000 - 3,000

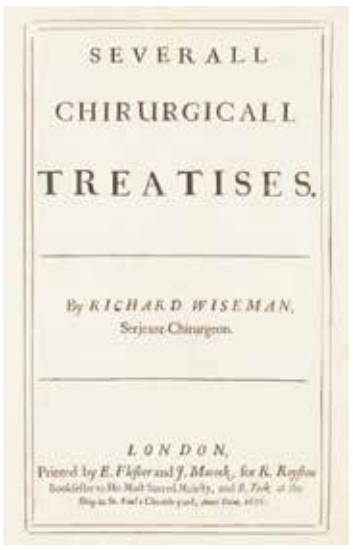

A
TREATISE
OF
Wounds.
BY
RICHARD WISEMAN,
ONE OF
His Majesties Serjeant-Chirurgeons.
LONDON,
Printed by R. Norton, for Richard Royston,
Bookseller to His most Sacred MA-
JESTY, MDCLXXII.

146

147
WISEMAN, RICHARD. c.1622-1676.
Severall Chirurgicall Treatises. London: Flesher and Macock for Royston, 1676.
Folio (301 x 194 mm). Contemporary paneled calf. Final leaf reinforced along tail edge, half-title with some minor soiling and brief notation, some repair to binding, spine darkened, lacking label, some wear to joints mainly at head and tail. Excellent copy overall.
Provenance: Alfred Jerome Brown (bookplate); Arthur Edward Lyons (bookplate).

FIRST EDITION. Wiseman served as Charles II's personal physician and was the first to describe tuberculosis of the joints and is noted for his work on gunshot wounds. Wiseman summarized his surgical knowledge, based on his many years of military, naval, and civilian experience, the work encompasses 600 case histories. "Wiseman ranks in surgery as high as does Sydenham in medicine" (Garrison-Morton-Norman 5573). *Heirs of Hippocrates* 547; Osler 4258; Welcomme V, p456; Wing W-3107.

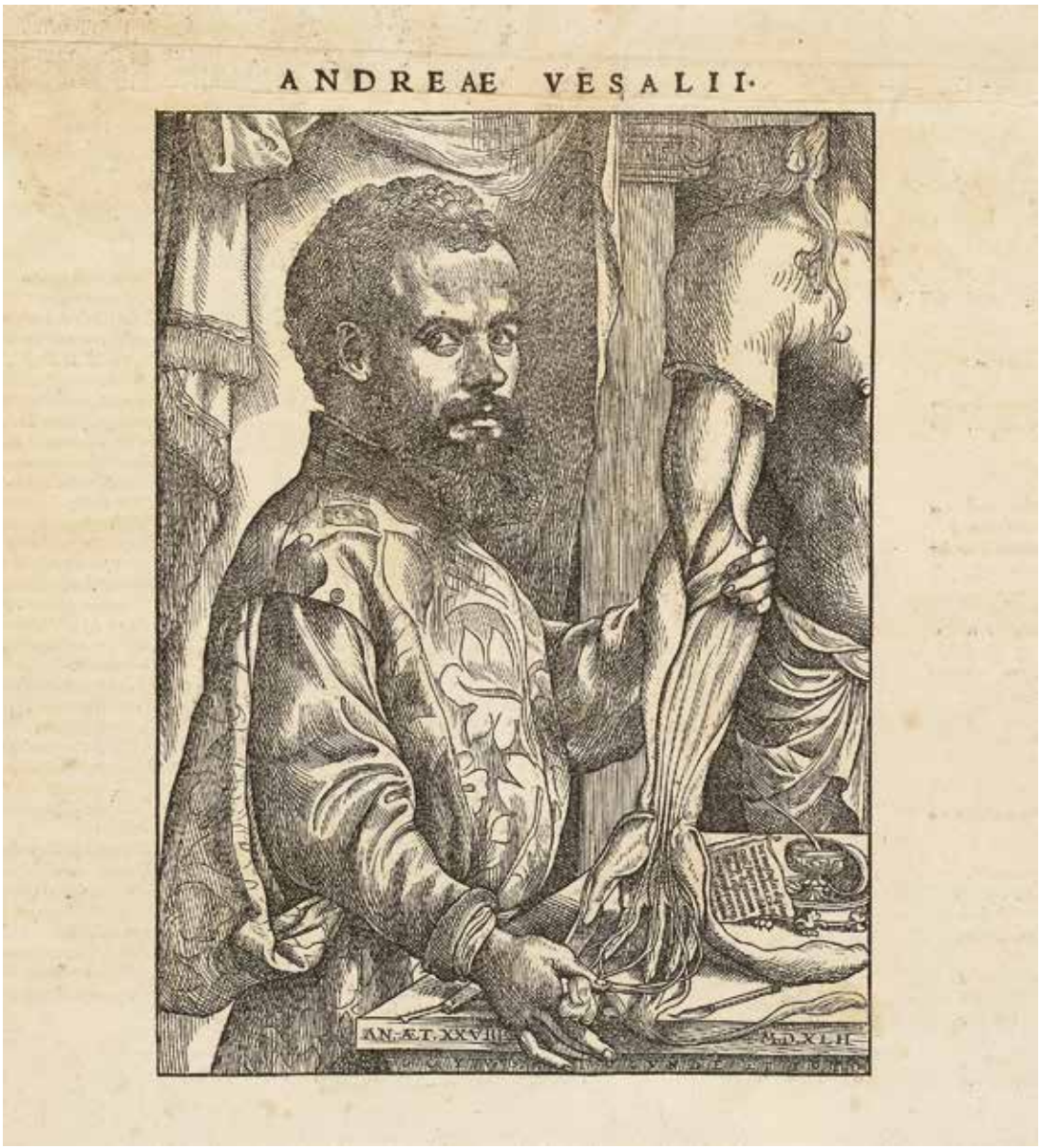
$1,000 - 1,500


SEVERALL
CHIRURGICALL
TREATISES.
By RICHARD WISEMAN,
Serjeant-Chirurgeon.
LONDON,

147

Bonhams

AUCTIONEERS SINCE 1793



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VESALIUS, ANDREAS.
De humani corporis fabrica librorum epitome.
Basel: Johannes Oporinus,
June 1543.
$100,000 - 150,000

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New York | October 24, 2024

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CATESBY, MARK
The Natural History of Carolina, Florida, and the Bahama Islands…
London: Printed for Charles Marsh, Thomas Wilcox, and Benjamin Stichall, 1754.

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Conditions of Sale

The following Conditions of Sale, as amended by any published or posted notices or verbal announcements during the sale, constitute the entire terms and conditions on which property listed in the catalog shall be offered for sale or sold by Bonhams & Butterfields Auctioneers Corp. and any consignor of such property for whom Bonhams acts as agent. By participating in this sale, you agree to be bound by these terms and conditions.

If live online bidding is available for the subject auction, additional terms and conditions of sale relating to online bidding will apply; see Conditions of Website use at www.bonhams.com/WebTerms for the supplemental terms. As used herein, "Bonhams," "we" and "us" refer to Bonhams & Butterfields Auctioneers Corp.

1. As used herein, the term "bid price" means the price at which a lot is successfully knocked down to the buyer. The term "purchase price" means the aggregate of (a) the bid price, (b) a PREMIUM retained by us and payable by the buyer (the "buyer's premium"), EQUAL TO 28% OF THE FIRST $50,000 OF THE BID PRICE, PLUS 27% OF THE AMOUNT OF THE BID PRICE ABOVE $50,000 UP TO AND INCLUDING $1,000,000, PLUS 21% OF THE AMOUNT OF THE BID PRICE ABOVE $1,000,000 UP TO AND INCLUDING $6,000,000, PLUS 14.5% OF THE AMOUNT OF THE BID PRICE ABOVE $6,000,000, and (c) unless the buyer is exempt by law from the payment thereof, any Alabama, Arizona, California, Colorado, Connecticut, Florida, Georgia, Hawaii, Idaho, Illinois, Iowa, Indiana, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Jersey, New Mexico, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Utah, Virginia, Washington, D.C., Washington state, West Virginia, Wisconsin, Wyoming or other state or local sales tax (or compensating use tax) and other applicable taxes. With regard to New York sales tax, please refer to the "Sales and Use Tax" section of these Conditions of Sale.

2. In order to bid at the sale, prospective bidders must submit to Bonhams a completed bidder registration and any other requested information or references. New bidders and bidders who have not recently updated their registration information must pre-register to bid at least two (2) business days before the sale. Individuals will be required to provide government-issued proof of identity and proof of address. Entity clients will be required to provide documentation including confirmation of entity registration showing the registered name, confirmation of registered address, documentary proof of officers and beneficial owners, proof of authority to transact on behalf of the entity and government-issued proof of identity for the individual who is transacting on the entity's behalf.

We may also request a financial reference and/or deposit from bidders before approving the bidder registration. In the event a deposit is submitted, and you are not the successful bidder, your deposit will be returned to you. If you are the successful bidder, any such deposit will be credited to offset the appropriate portion of the purchase price.

We reserve the right to request further information, including regarding the source of funds, in order to complete bidder identification and registration procedures (including completing any anti-money laundering and/or anti-terrorism financing checks we may require) to our satisfaction. If our bidder identification and registration procedures are not satisfied, we may, in our sole discretion, decline to register any bidder or reject any bid or cancel any sale to such bidder.

Every bidder shall be deemed to act as a principal unless prior to the commencement of the sale there is a written acceptance by Bonhams of a bidder registration form completed and signed by the principal which clearly states that the authorized bidding agent is acting on behalf of the named principal. Absent such written acceptance by Bonhams, any person placing a bid as agent on behalf of another (whether or not such person has disclosed that fact or the identity of the principal) may be jointly and severally liable with the principal under any contract resulting from the acceptance of a bid. Every bidder shall be responsible for any use of its assigned paddle or bidding account, regardless of the circumstances.

3. You represent and warrant that: (i) you have provided to us, or will provide upon request, true and correct copies of valid identification and proof of residence and, if applicable, financial and/or corporate documents; (ii) neither you, your principal (if applicable, and subject to Bonhams' prior written acceptance pursuant to section 2 above), nor any individual or entity with a beneficial or ownership interest in either the purchased property or in the purchase transaction is on the Specially Designated Nationals List maintained by the Office of Foreign Assets Control of the U.S. Department of the Treasury nor subject to any other sanctions or embargo program or regulation in effect in the United States, European Union, England and Wales, or other applicable jurisdictions (such programs and regulations, collectively, "Sanctions"); (iii) if you are acting as an agent for a principal, you have conducted appropriate due diligence into such principal, and agree that Bonhams shall be entitled to rely upon such due diligence, you will retain adequate records evidencing such due diligence for a period of five (5) years following the consummation of the sale, and will make these records available for inspection upon Bonhams' request; (iv) neither the purchase transaction (including your bidding activity) nor the purchase funds are connected with nor derive from any criminal activity, and they are not designed to nor have they or shall they, violate the banking, anti-money laundering, or currency transfer laws or other regulations (including without limitation, import-export laws) of any country or jurisdiction, or further any other unlawful purpose, including without limitation collusion, anti-competitive activity, tax evasion or tax fraud; and (v) property purchased by you or your principal (if applicable) hereunder is not and will not be transferred to or used in a country in contravention of any Sanctions.

You acknowledge and agree that we may rely upon the accuracy and completeness of the foregoing warranties.

4. On the fall of the auctioneer's hammer, the highest bidder shall have purchased the offered lot in accordance and subject to compliance with all of the conditions set forth herein and (a) assumes full risk and responsibility therefor, (b) if requested will sign a confirmation of purchase, and (c) will pay the purchase price in full or such part as we may require for all lots purchased. No lot may be transferred.

Unless otherwise agreed, payment in good, cleared funds is due and payable within five (5) business days following the auction sale. Whenever the buyer pays only a part of the total purchase price for one or more lots purchased, we may apply such payments or any deposits, in our sole discretion, to the lot or lots we choose. Payment will not be deemed made in full until we have received good, cleared funds for all amounts due. Title in any purchased property will not pass until full and final payment has been received by Bonhams. Accounts must be settled in full before property is released to the buyer. In the event property is released earlier, such release will not affect the passing of title or the buyer's obligation to timely remit full payment.

We reserve the right to refuse to accept payment from a source other than the registered bidder or buyer of record. Once an invoice is issued, we cannot change the buyer's name on an invoice.

Payment for purchases must be made in the currency in which the sale is conducted. Bonhams' preferred payment method is by wire transfer. For final purchases exceeding US $25,000, all payments must be in the form of wire transfer unless other arrangements have been approved in advance. For final purchases below US $25,000, payment may also be made in or by the following methods:

(i) Cash. Please note that the amount of cash that can be accepted from a given purchaser is limited to US $5,000 per auction sale (whether by single or multiple related payments). If the amount payable exceeds that sum, the balance must be paid by another method.

(ii) Cashier's check, money order, or personal check with approved credit drawn on a U.S. bank. A processing fee will be assessed on any returned checks.

(iii) Visa, MasterCard, American Express or Discover debit or credit card issued in the name of the purchaser or record. Only one debit or credit card may be used for payment of an account balance. This method of payment may not be available to first time purchasers.

To the fullest extent permitted by applicable law, the buyer grants us a security interest in the property, and we may retain as collateral security for the buyer's obligations to us, any property and all monies held or received by us for the account of the buyer, in our possession. We also retain all rights of a secured party under the Uniform Commercial Code (which shall mean the New York Uniform Commercial Code, except where the Uniform Commercial Code of another state governs the perfection of a security interest in collateral located in that state), and you agree that we may file financing statements without your signature. If the foregoing conditions or any other applicable conditions herein are not complied with, in addition to all other remedies available to us and the consignor by law, we may at our election: (a) hold the buyer liable for the full purchase price and any late charges, collection costs, attorneys' fees and costs, expenses and incidental damages incurred by us or the consignor arising out of the buyer's breach; (b) cancel the sale, retaining as liquidated damages all payments and deposits made by the buyer; (c) cancel the sale and/or resell the purchased property, at public auction and/or by private sale, and in such event the buyer shall be liable for the payment of all consequential damages, including any deficiencies or monetary losses, and all costs and expenses of such sale or sales, our commissions at our standard rates, all other charges due hereunder, all late charges, collection costs, attorneys' fees and costs, expenses and incidental damages; and/or (d) reveal the buyer's identity and contact details to the consignor. In addition, where two or more amounts are owed in respect of different transactions by the buyer to us, to Bonhams 1793 Limited and/or to any of our other affiliates, subsidiaries or parent companies worldwide within the Bonhams Group, we reserve the right to apply any monies paid in respect of a transaction to discharge any amount owed by the buyer. If all fees, commissions, premiums, bid prices and other sums due to us from the buyer are not paid promptly as provided in these Conditions of Sale, we reserve the right to impose a finance charge equal to 1.5% per month (or, if lower, the maximum nonusurious rate of interest permitted by applicable law), on all amounts due to us beginning on the 31st day following the sale until payment is received, in addition to other remedies available to us by law.

5. We reserve the right to withdraw any property and to divide and combine lots at any time before such property's auction. Unless otherwise announced by the auctioneer at the time of sale, all bids are per lot as numbered in the catalog and no lots shall be divided or combined for sale.

6. We reserve the right to reject a bid from any bidder, to split any bidding increment, and to advance the bidding in any manner the auctioneer may decide. In the event of any dispute between bidders, or in the event the auctioneer doubts the validity of any bid, the auctioneer shall have sole and final discretion either to determine the successful bidder, re-open the bidding, or to cancel the sale and re-offer and resell the article in dispute. If any dispute arises after the sale, our sales records shall be conclusive in all respects.

We further reserve the right to cancel the sale of any property if: (i) you are in breach of your representations and warranties as set forth in section 3 above; (ii) we, in our sole discretion, determine that such transaction might be unlawful or might subject Bonhams or the consignor to any liability to any third party; or (iii) there are any other grounds for cancellation under these Conditions of Sale.

Conditions of Sale - continued

7. If we are prevented by fire, theft or any other reason whatsoever from delivering any property to the buyer or a sale otherwise cannot be completed, our liability shall be limited to the sum actually paid therefor by the buyer and shall in no event include any compensatory, incidental or consequential damages.

8. All lots in the catalog are offered subject to a reserve unless otherwise indicated in the catalog. The ¤ symbol next to the lot number denotes no reserve. The reserve is the confidential minimum bid price at which such lot will be sold and it does not to exceed the low estimate value for the lot. If a lot is offered subject to a reserve, we may implement such reserve by bidding on behalf of the consignor, whether by opening bidding or continuing bidding in response to other bidders until reaching the reserve. If we have an interest in an offered lot and the proceeds therefrom other than our commissions, we may bid up to the reserve to protect such interest. If the auctioneer determines that any opening or subsequent bid is below the reserve for a lot, (s)he may reject such opening bid and withdraw the item from sale. CONSIGNORS ARE NOT ALLOWED TO BID ON THEIR OWN ITEMS.

9. Other than as provided in the Limited Right of Rescission with respect to identification of authorship, all property is sold "AS IS" and any statements contained in the catalog or in any advertisement, bill of sale, announcement, condition report, invoice or elsewhere as to period, culture, source, origin, media, measurements, size, quality, rarity, provenance, importance, exhibition and literature of historical relevance, merchantability, fitness for a particular purpose, or physical condition ARE QUALIFIED STATEMENTS OF OPINION AND NOT REPRESENTATIONS, WARRANTIES, OR ASSUMPTION OF LIABILITY. Neither Bonhams nor the consignor shall be responsible for any error or omission in the catalog description of any property. No employee or agent of Bonhams is authorized to make on our behalf or on that of the consignor any representation or warranty, oral or written, with respect to any property.

10. All purchased property shall be removed from the premises at which the sale is conducted by the date(s) and time(s) set forth herein, and, if applicable, as further specified in the "Buyer's Guide" portion of the catalog. Lots designated with a "W" and associated purchased lots, if not removed promptly following sale, will be transferred to an offsite warehouse at the buyer's risk and expense, as set forth in more detail in the "Buyer's Guide." Purchased property that is permitted to remain onsite at Bonhams' facility must be removed at the buyer's expense not later than 5:00 p.m. local time five (5) business days following the date of the sale. If not so removed, a storage fee of US $5.00 per lot per day will be payable to us by the buyer beginning at the close of the 14th day following the sale, and we may thereafter transfer such property to an offsite warehouse at the buyer's risk and expense.

Accounts must be settled in full before property will be released. Packing and handling of purchased lots are the responsibility of the buyer and at the buyer's entire risk, as are the identification, application for, and cost(s) of obtaining any necessary export, import, restricted material (e.g. endangered species) or other permit for such lots.

11. The copyright in the text of the catalog and the photographs, digital images and illustrations of lots in the catalog belong to Bonhams or our licensors. You will not reproduce or permit anyone else to reproduce such text, photographs, digital images or illustrations without our prior written consent. Bonhams and the consignor make no representation or warranty as to whether the buyer acquires any copyrights on the purchase of an item of property.

12. Bonhams may, in our discretion, as a courtesy and free of charge, execute bids on your behalf if so instructed by you, provided that neither Bonhams nor our employees or agents will be liable for any error or default (whether human or otherwise) in doing so or for failing to do so. Without limiting the foregoing, Bonhams (including our agents and employees) shall not be responsible for any problem relating to telephone, online, or other bids submitted remotely through any means, including without limitation, any human error, telecommunications or internet fault or failure, or breakdown or problems with any devices or online platforms, including third-party online platforms, regardless of whether such issue arises with our, your, or such third-party's technology, equipment, or connection. By participating at auction by telephone or online, bidders expressly consent to the recording of their bidding sessions and related communications with Bonhams and our employees and agents, and acknowledge their acceptance of these Conditions of Sale as well as any additional terms and conditions applicable to any such bidding platform or technology.

13. These Conditions of Sale shall bind the successors and assigns of all bidders and buyers and inure to the benefit of our successors and assigns. No waiver, amendment or modification of the terms hereof (other than posted notices or oral announcements during the sale) shall bind us unless specifically stated in writing and signed by us. No act or omission of Bonhams, its employees or agents, nor any failure thereof to exercise any remedy hereunder, shall operate or be deemed to operate as a waiver of Bonhams' rights under these Conditions of Sale. If any part of these Conditions of Sale is for any reason invalid or unenforceable, the rest shall remain valid and enforceable.

14. These Conditions of Sale and the buyer's and our respective rights and obligations hereunder shall be governed by and construed and enforced in accordance with the laws of the State of New York. Any dispute, controversy or claim arising out of or relating to this agreement, or the breach, termination or validity thereof, brought by or against Bonhams (but not including claims brought against the consignor by the buyer of lots consigned hereunder) shall be resolved by the procedures set forth below.

15. You accept and agree that Bonhams will hold and process your personal information and may share and use it as required by law and as described in, and in line with Bonhams' Privacy Policy, available online at http://www.bonhams.com/legals/9945/. If you desire access, update, or restriction to the use of your personal information, please email data.protection@bonhams.com.

SALES AND USE TAX

New York sales tax is charged on the hammer price, buyer's premium and any other applicable charges on any property collected or delivered in New York State, regardless of the state or country in which the buyer resides or does business. Buyers who make direct arrangements for collection by a shipper who is considered a "private" or "contract" carrier by the New York Department of Taxation and Finance will be charged New York sales tax, regardless of the destination of the property. Property collected for delivery to a destination outside of New York by a shipper who is considered a "common carrier" by the New York Department of Taxation and Finance (e.g. United States Postal Service, United Parcel Service, and FedEx) is not subject to New York sales tax, but if it is delivered into any state in which Bonhams is registered or otherwise conducts business sufficient to establish a nexus, Bonhams may be required by law to collect and remit the appropriate sales tax in effect in such state. Property collected for delivery outside of the United States by a freight-forwarder who is registered with the Transportation Security Administration ("TSA") is not subject to New York sales tax.

MEDIATION AND ARBITRATION PROCEDURES

(a) Within 30 days of written notice that there is a dispute, the parties or their authorized and empowered representatives shall meet by telephone and/or in person to mediate their differences. If the parties agree, a mutually acceptable mediator shall be selected and the parties will equally share the fees and expenses of mediation. The mediator shall be a retired judge or an attorney familiar with commercial law and trained in or qualified by experience in handling mediations. Any communications made during the mediation process shall not be admissible in any subsequent mediation, arbitration or judicial proceeding. All proceedings and any resolutions thereof shall be confidential, and the terms governing arbitration set forth in paragraph (c) below shall govern.

(b) If mediation does not resolve all disputes between the parties, or in any event no longer than 60 days after receipt of the written notice of dispute referred to above, the parties shall submit the dispute for binding arbitration before a single neutral arbitrator. Such arbitrator shall be a retired judge or an attorney familiar with commercial law and trained in or qualified by experience in handling arbitrations. Such arbitrator shall make all appropriate disclosures required by law. The arbitrator shall be drawn from a panel of a national or international arbitration service agreed to by the parties, and shall be selected as follows: (i) If the arbitration service has specific rules or procedures, those rules or procedures shall be followed; (ii) If the arbitration service does not have rules or procedures for the selection of an arbitrator, the arbitrator shall be an individual jointly agreed to by the parties. If the parties cannot agree on an arbitration service, the arbitration shall be conducted by Judicial Arbitration and Mediation Services, Inc. ("JAMS") or another national or international alternative dispute resolution ("ADR") provider of Bonhams' choice, and the arbitrator shall be selected in accordance with JAMS' Streamlined Arbitration Rules and Procedures or the rules of the other ADR provider selected by Bonhams. The arbitrator's award shall be in writing and shall set forth findings of fact and legal conclusions.

(c) Unless otherwise agreed to by the parties or provided by the published rules of the arbitration service:
- (i) The arbitration shall occur within 60 days following the selection of the arbitrator;
- (ii) The arbitration shall be conducted in New York, New York; and
- (iii) Discovery and the procedure for the arbitration shall be as follows:
  A. All arbitration proceedings shall be confidential;
  B. The parties shall submit written briefs to the arbitrator no later than 15 days before the arbitration commences;
  C. Discovery, if any, shall be limited as follows: (I) Requests for no more than 10 categories of documents, to be provided to the requesting party within 14 days of written request therefor; (II) No more than two (2) depositions per party, provided however, the deposition(s) are to be completed within one (1) day; (III) Compliance with the above shall be enforced by the arbitrator in accordance with New York law;
  D. Each party shall have no longer than eight (8) hours to present its position. The entire hearing before the arbitrator shall not take longer than three (3) consecutive days;
  E. The award shall be made in writing no more than 30 days following the end of the proceeding. Judgment upon the award rendered by the arbitrator may be entered by any court having jurisdiction thereof.

To the fullest extent permitted by law, and except as required by applicable arbitration rules, each party shall bear its own attorneys' fees and costs in connection with the proceedings and shall share equally the fees and expenses of the arbitration.

LIMITED RIGHT OF RESCISSION

If within one (1) year from the date of sale, the original buyer (a) gives written notice to us alleging that the identification of Authorship (as defined below) of such lot as set forth in the UPPERCASE TYPE heading of the catalog description of such lot (as amended by any saleroom notices or verbal announcements during the sale) is not substantially correct based on a fair reading of the catalog (including the terms of any glossary contained therein), and (b) within ten (10) days

Buyer's Guide - continued

Sales Tax
Residents of states listed in section 1 of the Conditions of Sale must pay applicable sales tax. Other state or local taxes (or compensation use taxes) may apply. Sales tax will be automatically added to the invoice unless a valid resale number has been furnished or the property is shipped via common carrier to destinations outside the states listed in the Conditions of Sale. If you wish to use your resale license please contact the Client Services Department for our form.

Regulated Species Materials
The export of a lot from the United States or import into certain countries may be subject to export or import regulations, licensure and/or other restrictions; in particular, lots containing plant or animal materials such as tortoiseshell, coral, whalebone or certain types of woods, irrespective of age or value, may require the granting of one or more export or import licenses or certificates, or may be banned from import altogether by some countries. Moreover, the ability to obtain an export license or certificate does not ensure the ability to obtain an import license or certificate in another country. Lots that contain such regulated species materials may also not be eligible for exportation or for re-importation into the United States if they are not at least 100 years of age. In addition, resales of lots containing certain regulated species materials may be subject to restrictions in some jurisdictions.

Lots noted in the catalog with a "Y" next to the lot number contain one or more such regulated plant or animal materials, however lots containing regulated material may lack the Y notation. It is the buyer's responsibility to investigate any such restrictions and to obtain any relevant export or import licenses. Please note that this process is governed by local authorities and may take considerable time. Regardless of any delay in the obtaining of an export/import license or certificate or denial thereof, purchased lots shall be paid for in accordance with the Conditions of Sale, and any such delay or denial shall not serve as the basis for cancellation of any sale. Prospective buyers are advised to obtain information from the relevant regulatory authorities regarding export and import restrictions, requirements, and costs prior to bidding.

Prospective buyers should also check with their local (e.g. state) regulatory authorities regarding any local restrictions and/or permit requirements that may apply with respect to purchases of regulated species materials. Upon request, Bonhams may refer the purchaser to a third-party agent to assist the purchaser in attempting to obtain the appropriate licenses and/or certificates. However, there is no assurance that any necessary licenses or certificates can be obtained. Please contact the relevant Specialist Department for a suggested list of shipping agents prior to placing a bid if you are uncertain as to whether a lot is subject to export/import license or certificate requirements or related restrictions.

Collection of Purchases
Scheduling an appointment and payment in full prior to arrival will facilitate the quick release of your property. If you are sending a third party to collect, please provide details to our Client Services Department at invoices.us@bonhams.com prior to your scheduled pickup or we will be unable to release your property.

For your convenience, pre-allocated 30-minute collection time slots are available by appointment Monday through Friday between 9am – 4:30pm local time. To schedule collection of purchases, please contact our Client Services Department at Tel: 1-800-959-4383 (toll free, within the US) or Tel: 1-908-707-0077 (outside the US).

Shipping & Removal
Buyers are to review the Offsite Sold Property Storage section (below) for information regarding lots that will be removed to the offsite warehouse of Door To Door shortly after the sale. These designated lots must be collected by the buyer from Bonhams (at the designated premises where the sale occurred) prior to the day and time designated in the Offsite Sold Property Storage section, or from Door To Door thereafter. If buyers of these designated lots also buy other lots, these lots may also be removed to the warehouse of Door To Door, so all lots remain together and customers can collect or ship from one location. All other items will remain at Bonhams for a period of fourteen (14) days, after which time they may be transferred to offsite storage at the buyer's risk and expense.

For an additional fee, Bonhams may provide packing and shipping services for certain items. If you wish to receive a Bonhams' shipping quote, please indicate this at the time of registration. Carriers are not permitted to deliver to P.O. boxes.

International buyers are responsible for all import/export customs duties and taxes. An invoice stating the actual purchase price will accompany all international purchases.

Handling and Storage Charges
Storage charges of US $5 per lot, per day will begin accruing for any lots not collected within fourteen (14) calendar days of the auction.

Bonhams reserves the right to remove uncollected sold lots to the warehouse of Door To Door at the buyer's risk and expense. Handling and storage and Full Value Protection fees will apply, as further set forth in the Offsite Sold Property Storage section (below).

Offsite Sold Property Storage
All lots marked with a "W" in the catalogue are oversized and subject to additional storage and shipping as set forth below. Lots not so listed will remain at Bonhams; provided, however, THAT IF BUYERS OF W LISTED LOTS ALSO BUY OTHER NON-LISTED ITEMS, THESE OTHER LOTS WILL ALSO BE REMOVED TO THE WAREHOUSE OF DOOR TO DOOR, so that all lots remain together and buyers can collect their entire purchases from one location. For any questions please refer to the Bonhams Client Services Department.

A. NEW YORK Sales (and New York Online Sales). Unless you are otherwise notified:

- **W lots (and additional purchases) from sales occurring on *Tuesdays* and *Wednesdays*** will be transferred to offsite storage at Door To Door on the proximate *Thursdays*. You may collect W lots from Bonhams by 5pm Eastern Time on Wednesdays.

  Purchases will be available for collection on *Fridays* of the same week from Door To Door.

- **W lots (and additional purchases) from sales occurring on *Thursdays*, *Fridays* and *Mondays*** will be transferred to offsite storage at Door To Door on the proximate *Tuesdays*. You may collect W lots from Bonhams by 5pm Eastern Time on Mondays.

  Purchases will be available for collection on *Wednesdays* from Door To Door.

  Collections appointments must be booked twenty-four (24) hours in advance with Door To Door (subject to full payment of all outstanding amounts due to Bonhams and Door To Door).

  Address:
  Door To Door Services
  50 Tannery Rd
  Somerville, NJ 08876

B. LOS ANGELES Sales (and Los Angeles Online Sales)

- You will be notified in advance of the sale of the date and time of the removal of W lots (and additional purchases) to the Door To Door warehouse. Please be advised that removal may occur the day following the day of the sale.

  Collections appointments must be booked twenty-four (24) hours in advance with Door To Door (subject to full payment of all outstanding amounts due to Bonhams and Door To Door).

  Address:
  Door to Door Services
  6280 Peachtree St
  Commerce, CA, 90040

The transfer of lots to the warehouse of Door To Door is at the buyer's risk and expense. For sold lots removed to Door To Door, there will be transfer and Full Value Protection charges due immediately upon transfer and daily storage charges will begin to accrue five (5) business days after the transfer.

The per-lot charges of Door To Door Services are as follows (plus any applicable sales tax):

FURNITURE/LARGE OBJECTS
Transfer $75
Daily storage..... $10
Full Value Protection (on Hammer + Premium + tax) 0.3%

SMALL OBJECTS
Transfer $37.50
Daily storage..... $5
Full Value Protection (on Hammer + Premium + tax) 0.3%

Please note, Door To Door does not accept liability for damage or loss due to negligence or otherwise, exceeding the stated value of such goods, or at its option the cost of repairing or replacing the damaged or missing goods.

For more information regarding storage, shipping, or collection from Door To Door please contact Door To Door directly at auctions@dtdusa.com.

Payment
Payments for purchased lots must be made directly to Bonhams. Door To Door will not release property unless the buyer has paid Bonhams in full. All charges for handling and storage due to Door To Door must be paid by the time of collection from their warehouse. Payment may be made by cash, check, or credit card. Please contact Door to Door in advance to ascertain the amount due.

Lots will only be released from the Door To Door warehouse upon production of a "Release Order" obtained from the Cashier's Office at Bonhams.

The removal/storage and/or shipment by Door To Door of any lots will be subject to their standard Conditions of Business, which can be found at https://www.dtdusa.com/terms-and-conditions and are available upon request from the Bonhams Client Services Department or from Door To Door directly.

Buyer's Guide

BUYING AND BIDDING AT AUCTION

Whether you are an experienced bidder or an enthusiastic novice, auctions provide a stimulating atmosphere unlike any other. Bonhams previews and sales are free and open to the public. As you will find in these directions, bidding and buying at auction is easy and exciting. Should you have any further questions, please visit our website at www.bonhams.com or contact our Client Services Department at Tel: 1-800-959-4383 (toll free, within the US) or Tel: 1-908-707-0077 (outside the US).

Catalogs

Before each auction we publish illustrated catalogs. Our catalogs provide descriptions and estimated values for each "lot." A lot may refer to a single item or to a group of items auctioned together. The catalogs also include the dates and the times for the previews and auctions. We offer our catalogs by subscription or by single copy. For information on subscribing to our catalogs, you may refer to the subscription form in this catalog, call our Client Services Department, or visit our website at www.bonhams.com/us.

Previews

Auction previews are your chance to inspect each lot prior to the auction. We encourage you to look closely and examine each object on which you may want to bid so that you will know as much as possible about it. Except as expressly set forth in the Conditions of Sale, items are sold "as is" and with all faults; illustrations in our catalogs, website and other materials are provided for identification only. At the previews, our staff is always available to answer your questions and guide you through the auction process. Condition reports may be available upon request and are strongly recommended for all intending bidders who cannot view the property in person.

Estimates

Bonhams' catalogs include low and high value estimates for each lot, exclusive of the buyer's premium and tax. The estimates are provided as an approximate guide to current market value based primarily on previous auction results for comparable pieces, and should not be interpreted as a representation or prediction of actual selling prices. They are determined well in advance of a sale and are subject to revision. Please contact us should you have any questions about value estimates.

Reserve

Unless indicated by the ¤ symbol next to the lot number, which denotes no reserve, all lots in the catalog are subject to a reserve. The reserve is the minimum auction price that the consignor is willing to accept for a lot. This amount is confidential and does not exceed the low estimate value.

Auction House's Interest in Property Offered at Auction

On occasion, Bonhams may offer property in which it has an ownership interest in whole or in part or otherwise has an economic interest. Such property, if any, is identified in the catalog with a ▲ symbol next to the lot number(s). Bonhams may also offer property for a consignor that has been guaranteed a minimum price for its property by Bonhams or jointly by Bonhams and a third party. Bonhams and any third parties providing a guarantee may benefit financially if the guaranteed property is sold successfully and may incur a financial loss if its sale is not successful. Such property, if any, is identified in the catalog with a ○ symbol next to the lot number(s).

Bidding at Auction

You must be eighteen (18) years old or over to bid. At Bonhams, you can bid in many ways: in person, via absentee bid, over the phone, or via Bonhams' live online bidding facility. Absentee bids can be submitted in person, online, or via email. Irrespective of previous bidding activity a valid Bonhams' client account is required to participate in bidding activity. You will be required to provide government issued proof of identity, proof of residence, and if you are a company, your certificate of incorporation or equivalent documentation with your name and registered address, proof of your current address, documentary proof of your beneficial owners and directors, and proof of authority to transact. We may also request a financial reference and/or deposit from you before allowing you to bid. By bidding at auction, whether in person or by agent, by absentee bid, telephone, online or other means, the buyer or bidder agrees to be bound by the Conditions of Sale. Lots are auctioned in consecutive numerical order as they appear in the catalog. Bidding normally begins below the low estimate. The auctioneer will accept bids from interested parties present in the saleroom, from telephone bidders, and from absentee bidders who have left written bids in advance of the sale. The auctioneer may also execute bids on behalf of the consignor up to the amount of the reserve, but never above it. We assume no responsibility for failure to execute bids for any reason whatsoever.

In Person

If you are planning to bid at auction for the first time, you will need to register at the reception desk in order to receive a numbered bid card. To place a bid, hold up your card so that the auctioneer can clearly see it. Decide on the maximum auction price that you wish to pay, exclusive of buyer's premium and tax, and continue bidding until your bid prevails or you reach your limit. If you are the successful bidder on a lot, the auctioneer will acknowledge your paddle number and bid amount.

Absentee Bids

As a service to those wishing to place bids, we may at our discretion accept bids without charge in advance of auction online or in writing on bidding forms available from us. "Buy" bids will not be accepted; all bids must state the highest bid price the bidder is willing to pay. Our auction staff will try to bid just as you would, with the goal of obtaining the item at the lowest bid price possible. In the event identical bids are submitted, the earliest bid submitted will take precedence. Absentee bids shall be executed in competition with other absentee bids, any applicable reserve, and bids from other auction participants. A friend or agent may place bids on your behalf, provided that we have received your written authorization prior to the sale. Absentee bid forms are available in our catalogs, online at www.bonhams.com/us, at offsite auction locations and at our Los Angeles, San Francisco and New York galleries.

By Telephone

We can arrange for you to bid by telephone. To arrange for a telephone bid, please contact our Client Services Department a minimum of twenty-four (24) hours prior to the sale.

Online

We offer live online bidding for most auctions and accept absentee bids online for all our auctions. Please visit www.bonhams.com/us for details.

In order to bid online in a sale, you must be eighteen (18) years old or over and you must register to bid via MyBonhams.com. Once you have registered, you should keep your account details strictly confidential and not permit any third party to access your account on your behalf or otherwise. You will be liable for any and all bids made via your account. Please note payment must be made from a bank account in the name of the registered bidder.

Online Bidding Registration for Individuals: Enter your full name, email, residential address, date of birth and nationality and provide a valid credit card in your name which will be verified via Stripe before you are able to bid. If your credit card fails verification, you will not be permitted to bid and you should contact the Client Services Department for assistance. We may in addition request a financial reference and/or deposit from you prior to letting you bid. If you are bidding as agent on behalf of another party, you agree: (i) to disclose this fact to the Client Services Department; (ii) to provide such information as we require to enable us to complete bidder identification and registration procedures (including completing any anti-money laundering and/or anti-terrorism financing checks) on that third party; and (iii) that where your bid is successful, you are jointly and severally liable with that other party for the full amounts owing for the successful bid (whether or not you have disclosed that fact or the identity of the principal). Where you are the successful bidder for any lot with a hammer price equal to or in excess of US $10,000, and if you have not provided such documents previously, you will be required to upload or provide to the Client Services Department your government issued photo ID and (if not on the ID) proof of your address before the purchased lot can be released to you. Notwithstanding the foregoing, we reserve the right to request ID documentation from any bidder or buyer and to refuse to release any purchased lot until such documentation is provided.

Online Bidding Registration for Companies or Other Legal Entities: You must select the option to set up a business account and then provide your full name, email, residential address, date of birth and the full name of the entity. You must provide a credit card for verification either in your name or the name of the entity but payment must be made from an account in the entity's name. If your credit card fails verification, you will not be permitted to bid and should contact the Client Services Department for assistance. We may, in addition, require a bank reference or deposit prior to letting you bid. For all successful bids, we require the entity's certificate of formation/incorporation or equivalent documentation confirming the entity's name and registered address, documentary proof of each beneficial owner owning 25% or more of the entity, and proof of your authority to transact before the lot can be released to you.

We reserve the right to request any further information from any bidder that we may require in order to carry out any identification, anti-money laundering or anti-terrorism financing checks conducted by us. We may at our discretion postpone or cancel your registration, not permit you to bid and/or postpone or cancel completion of any purchase you may make.

Bid Increments

Bonhams generally uses the following increment multiples as bidding progresses:

$50-200.....by $10s

$200-500.....by $20/50/80s

$500-1,000.....by $50s

$1,000-2,000.....by $100s

$2,000-5,000.....by $200/500/800s

$5,000-10,000….....by $500s

$10,000-20,000.....by $1,000s

$20,000-50,000.....by $2,000/5,000/8,000s

$50,000-100,000.....by $5,000s

$100,000-200,000.....by $10,000s

above $200,000.....at auctioneer's discretion

The auctioneer may split or reject any bid at any time at his or her discretion as outlined in the Conditions of Sale.

Currency Converter

Solely for the convenience of bidders, a currency converter may be provided at Bonhams' auctions. The rates quoted for conversion of other currencies to U.S. Dollars are indications only and should not be relied upon by a bidder, and neither Bonhams nor its agents shall be responsible for any errors or omissions in the operation or accuracy of the currency converter.

Buyer's Premium

A buyer's premium is added to the winning bid price of each individual lot purchased, at the rates set forth in the Conditions of Sale. The winning bid price plus the premium constitute the purchase price for the lot. Applicable sales taxes are computed based on this figure, and the total becomes your final purchase price.

Unless specifically illustrated and noted, fine art frames are not included in the estimate or purchase price. Bonhams accepts no liability for damage or loss to frames during storage or shipment.

All sales are final and subject to the Conditions of Sale found in our catalogs, on our website, and available at the reception desk.

Payment

Payment may be made to Bonhams by cash, checks drawn on a U.S. bank, money order, wire transfer, or by Visa, MasterCard, American Express or Discover credit or charge card or debit card. All items must be paid for within five (5) business days of the sale. Please note that payment by personal or business check may result in property not being released until purchase funds clear our bank.

Buyer's Guide - continued

Sales Tax
Residents of states listed in section 1 of the Conditions of Sale must pay applicable sales tax. Other state or local taxes (or compensation use taxes) may apply. Sales tax will be automatically added to the invoice unless a valid resale number has been furnished or the property is shipped via common carrier to destinations outside the states listed in the Conditions of Sale. If you wish to use your resale license please contact the Client Services Department for our form.

Regulated Species Materials
The export of a lot from the United States or import into certain countries may be subject to export or import regulations, licensure and/or other restrictions; in particular, lots containing plant or animal materials such as tortoiseshell, coral, whalebone or certain types of woods, irrespective of age or value, may require the granting of one or more export or import licenses or certificates, or may be banned from import altogether by some countries. Moreover, the ability to obtain an export license or certificate does not ensure the ability to obtain an import license or certificate in another country. Lots that contain such regulated species materials may also not be eligible for exportation or for re-importation into the United States if they are not at least 100 years of age. In addition, resales of lots containing certain regulated species materials may be subject to restrictions in some jurisdictions.

Lots noted in the catalog with a "Y" next to the lot number contain one or more such regulated plant or animal materials, however lots containing regulated material may lack the Y notation. It is the buyer's responsibility to investigate any such restrictions and to obtain any relevant export or import licenses. Please note that this process is governed by local authorities and may take considerable time. Regardless of any delay in the obtaining of an export/import license or certificate or denial thereof, purchased lots shall be paid for in accordance with the Conditions of Sale, and any such delay or denial shall not serve as the basis for cancellation of any sale. Prospective buyers are advised to obtain information from the relevant regulatory authorities regarding export and import restrictions, requirements, and costs prior to bidding.

Prospective buyers should also check with their local (e.g. state) regulatory authorities regarding any local restrictions and/or permit requirements that may apply with respect to purchases of regulated species materials. Upon request, Bonhams may refer the purchaser to a third-party agent to assist the purchaser in attempting to obtain the appropriate licenses and/or certificates. However, there is no assurance that any necessary licenses or certificates can be obtained. Please contact the relevant Specialist Department for a suggested list of shipping agents prior to placing a bid if you are uncertain as to whether a lot is subject to export/import license or certificate requirements or related restrictions.

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For your convenience, pre-allocated 30-minute collection time slots are available by appointment Monday through Friday between 9am – 4:30pm local time. To schedule collection of purchases, please contact our Client Services Department at Tel: 1-800-959-4383 (toll free, within the US) or Tel: 1-908-707-0077 (outside the US).

Shipping & Removal
Buyers are to review the Offsite Sold Property Storage section (below) for information regarding lots that will be removed to the offsite warehouse of Door To Door shortly after the sale. These designated lots must be collected by the buyer from Bonhams (at the designated premises where the sale occurred) prior to the day and time designated in the Offsite Sold Property Storage section, or from Door To Door thereafter. If buyers of these designated lots also buy other lots, these lots may also be removed to the warehouse of Door To Door, so all lots remain together and customers can collect or ship from one location. All other items will remain at Bonhams for a period of fourteen (14) days, after which time they may be transferred to offsite storage at the buyer's risk and expense.

For an additional fee, Bonhams may provide packing and shipping services for certain items. If you wish to receive a Bonhams' shipping quote, please indicate this at the time of registration. Carriers are not permitted to deliver to P.O. boxes.

International buyers are responsible for all import/export customs duties and taxes. An invoice stating the actual purchase price will accompany all international purchases.

Handling and Storage Charges
Storage charges of US $5 per lot, per day will begin accruing for any lots not collected within fourteen (14) calendar days of the auction.

Bonhams reserves the right to remove uncollected sold lots to the warehouse of Door To Door at the buyer's risk and expense. Handling and storage and Full Value Protection fees will apply, as further set forth in the Offsite Sold Property Storage section (below).

Offsite Sold Property Storage
All lots marked with a "W" in the catalogue are oversized and subject to additional storage and shipping as set forth below. Lots not so listed will remain at Bonhams; provided, however, THAT IF BUYERS OF W LISTED LOTS ALSO BUY OTHER NON-LISTED ITEMS, THESE OTHER LOTS WILL ALSO BE REMOVED TO THE WAREHOUSE OF DOOR TO DOOR, so that all lots remain together and buyers can collect their entire purchases from one location. For any questions please refer to the Bonhams Client Services Department.

A. NEW YORK Sales (and New York Online Sales). Unless you are otherwise notified:

- **W lots (and additional purchases) from sales occurring on *Tuesdays* and *Wednesdays*** will be transferred to offsite storage at Door To Door on the proximate *Thursdays*. You may collect W lots from Bonhams by 5pm Eastern Time on Wednesdays.

  Purchases will be available for collection on *Fridays* of the same week from Door To Door.

- **W lots (and additional purchases) from sales occurring on *Thursdays*, *Fridays* and *Mondays*** will be transferred to offsite storage at Door To Door on the proximate *Tuesdays*. You may collect W lots from Bonhams by 5pm Eastern Time on Mondays.

  Purchases will be available for collection on *Wednesdays* from Door To Door.

  Collections appointments must be booked twenty-four (24) hours in advance with Door To Door (subject to full payment of all outstanding amounts due to Bonhams and Door To Door).

  Address:
  Door To Door Services
  50 Tannery Rd
  Somerville, NJ 08876

B. LOS ANGELES Sales (and Los Angeles Online Sales)

- You will be notified in advance of the sale of the date and time of the removal of W lots (and additional purchases) to the Door To Door warehouse. Please be advised that removal may occur the day following the day of the sale.

  Collections appointments must be booked twenty-four (24) hours in advance with Door To Door (subject to full payment of all outstanding amounts due to Bonhams and Door To Door).

  Address:
  Door to Door Services
  6280 Peachtree St
  Commerce, CA, 90040

The transfer of lots to the warehouse of Door To Door is at the buyer's risk and expense. For sold lots removed to Door To Door, there will be transfer and Full Value Protection charges due immediately upon transfer and daily storage charges will begin to accrue five (5) business days after the transfer.

The per-lot charges of Door To Door Services are as follows (plus any applicable sales tax):

FURNITURE/LARGE OBJECTS
Transfer $75
Daily storage..... $10
Full Value Protection (on Hammer + Premium + tax) 0.3%

SMALL OBJECTS
Transfer $37.50
Daily storage..... $5
Full Value Protection (on Hammer + Premium + tax) 0.3%

Please note, Door To Door does not accept liability for damage or loss due to negligence or otherwise, exceeding the stated value of such goods, or at its option the cost of repairing or replacing the damaged or missing goods.

For more information regarding storage, shipping, or collection from Door To Door please contact Door To Door directly at auctions@dtdusa.com.

Payment
Payments for purchased lots must be made directly to Bonhams. Door To Door will not release property unless the buyer has paid Bonhams in full. All charges for handling and storage due to Door To Door must be paid by the time of collection from their warehouse. Payment may be made by cash, check, or credit card. Please contact Door to Door in advance to ascertain the amount due.

Lots will only be released from the Door To Door warehouse upon production of a "Release Order" obtained from the Cashier's Office at Bonhams.

The removal/storage and/or shipment by Door To Door of any lots will be subject to their standard Conditions of Business, which can be found at https://www.dtdusa.com/terms-and-conditions and are available upon request from the Bonhams Client Services Department or from Door To Door directly.

Auction Registration Form

(Attendee / Absentee / Online / Telephone Bidding)
Please circle your bidding method above.

Bonhams

Paddle number (for office use only)

General Notice: This sale will be conducted in accordance with Bonhams Conditions of Sale, and your bidding and buying at the sale will be governed by such terms and conditions. Please read the Conditions of Sale in conjunction with the Buyer's Guide relating to this sale and other published notices and terms relating to bidding.
Payment by personal or business check may result in your property not being released until purchase funds clear our bank. Checks must be drawn on a U.S. bank.

Notice to Absentee Bidders: In the table below, please provide details of the lots on which you wish to place bids at least 24 hours prior to the sale. Bids will be rounded down to the nearest increment. Please refer to the Buyer's Guide in the catalog for further information relating to instructions to Bonhams to execute absentee bids on your behalf. Bonhams will endeavor to execute bids on your behalf but will not be liable for any errors or non-executed bids.

Notice to First Time Bidders: New clients are requested to provide photographic proof of ID - passport, driving license, ID card, together with proof of address - utility bill, bank or credit card statement etc. Corporate clients should also provide a copy of their articles of association / company registration documents, together with a letter authorizing the individual to bid on the company's behalf. Failure to provide this may result in your bids not being processed. For higher value lots you may also be asked to provide a bankers reference.

Notice to online bidders; If you have forgotten your username and password for www.bonhams.com, please contact Client Services.

If successful
I will collect the purchases myself ☐
Please contact me with a shipping quote (if applicable) ☐
I will arrange a third party to collect my purchase(s) ☐

Please email the completed Registration Form and requested information to:
Bonhams Client Services Department
580 Madison Avenue
New York, New York 10022
Tel +1 (212) 644 9001
bids.us@bonhams.com

Sale title: The Arthur E. Lyons MD Collection Of Medical And Scientific Books	Sale date: 25 June 2024
Sale no. 29491	Sale venue: New York

General Bid Increments:

$10 - 200 .....by 10s	$10,000 - 20,000 .....by 1,000s
$200 - 500 .....by 20 / 50 / 80s	$20,000 - 50,000 .....by 2,000 / 5,000 / 8,000s
$500 - 1,000 .....by 50s	$50,000 - 100,000 .....by 5,000s
$1,000 - 2,000 .....by 100s	$100,000 - 200,000 .....by 10,000s
$2,000 - 5,000 .....by 200 / 500 / 800s	above $200,000 .....at the auctioneer's discretion
$5,000 - 10,000 .....by 500s	The auctioneer has discretion to split any bid at any time.

Customer Number	Title
First Name	Last Name
Company name (to be invoiced if applicable)	
Address	
City	County / State
Post / Zip code	Country
Telephone mobile	Telephone daytime
Telephone evening	

Telephone bidders: indicate primary and secondary contact numbers by writing ① or ② next to the telephone number.

E-mail (in capitals) _____

By providing your email address above, you authorize Bonhams to send you marketing materials and news concerning Bonhams and partner organizations. Bonhams does not sell or trade email addresses.

I am registering to bid as a private client ☐ | I am registering to bid as a trade client ☐

Resale: please enter your resale license number here
_____ We may contact you for additional information.

SHIPPING

Shipping Address (if different than above):

Address: _____ Country: _____

City: _____ Post/ZIP code: _____

Please note that all telephone calls are recorded.

Type of bid (A-Absentee, T-Telephone)	Lot no.	Brief description (In the event of any discrepancy, lot number and not lot description will govern.) If you are bidding online there is no need to complete this section.	MAX bid in US$ (excluding premium and applicable tax) Emergency bid for telephone bidders only*

You instruct us to execute each absentee bid up to the corresponding bid amount indicated above.

* Emergency Bid: A maximum bid (exclusive of Buyer's Premium and tax) to be executed by Bonhams only if we are unable to contact you by telephone or should the connection be lost during bidding.

BY SIGNING THIS FORM YOU AGREE THAT YOU HAVE READ AND UNDERSTAND OUR CONDITIONS OF SALE AND SHALL BE LEGALLY BOUND BY THEM, AND YOU AGREE TO PAY THE BUYER'S PREMIUM, ANY APPLICABLE TAXES, AND ANY OTHER CHARGES MENTIONED IN THE BUYER'S GUIDE OR CONDITIONS OF SALE. THIS AFFECTS YOUR LEGAL RIGHTS.

Your signature:	Date:

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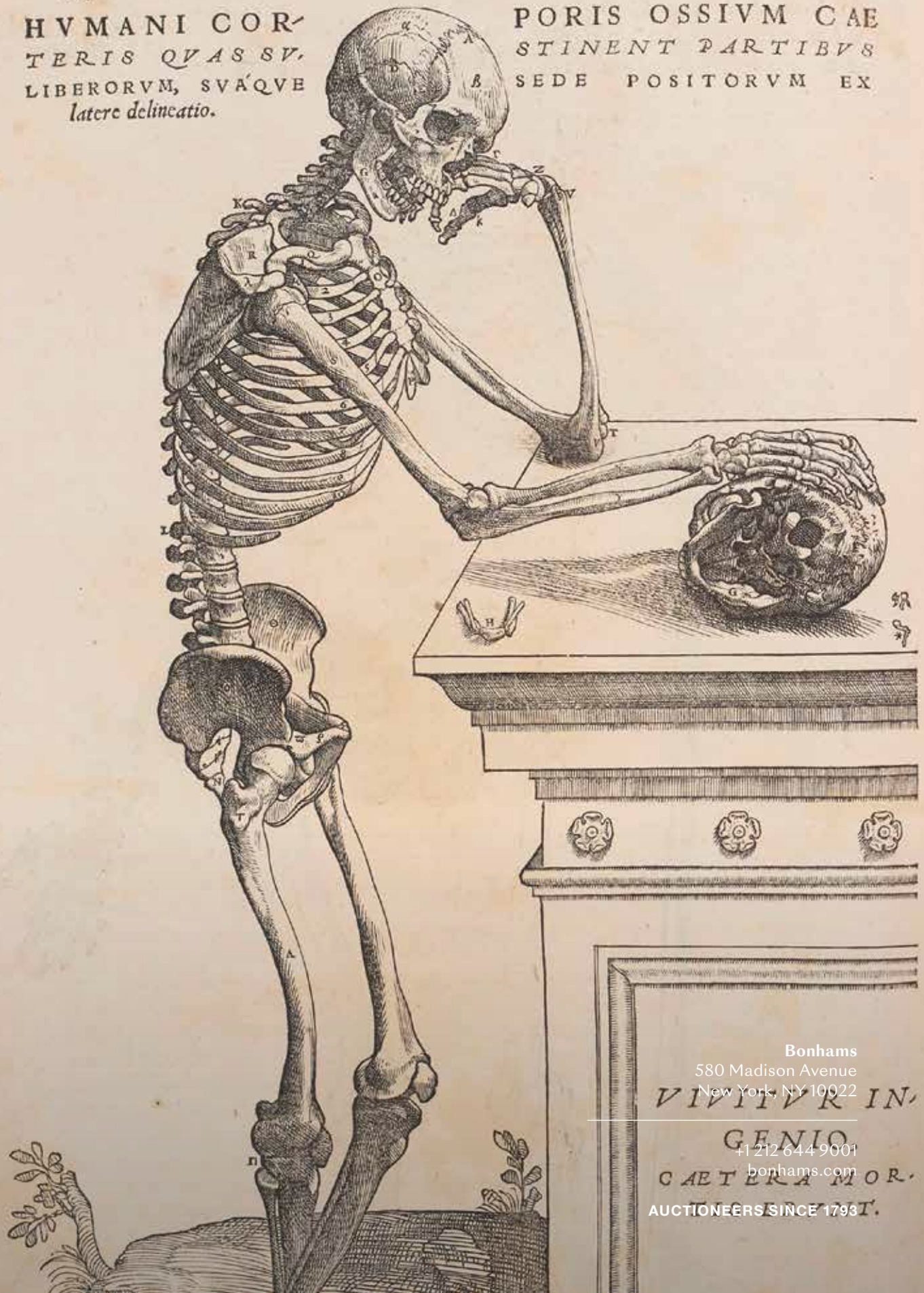

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